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STATE OF SOUTH CAROLINA
INDUSTRIAL DEVELOPMENT ANALYSIS

PREPARED FOR:
STATE OF SOUTH CAROLINA
DEVELOPMENT BOARD

PREPARED BY:
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SHELBY, NORTH CAROLINA

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STATE OF SOUTH CAROLINA
INDUSTRIAL DEVELOPMENT STUDY

Objective of Study

The objective of this study is to make an unbiased appraisal of the labor market factors within the state of South Carolina. The study is to consider the present employment situation, income levels, and educational aspects as related to the availability of present and potential persons for employment.

Methodology

To review the state and develop facts which can be utilized by members of the State Development Board, the study was prepared as follows:

1. The state of South Carolina was considered in total in terms of population characteristics, educational patterns, income and earnings, present labor availability, and potential labor availability. These facts were developed on a broad base out of which more finite data on a regional and district basis was prepared.
2. After reviewing the state, the state was broken down into five regions, homogeneous in nature, yet maintaining the boundarylines of the industrial development districts (judicial circuits). Each region was studied in terms of the population's social and economic characteristics, labor availability factors both present and potential, industrial characteristics, and the potential growth of the region in terms of industrial development.
3. Industrial Development Districts were specifically analyzed as a geographic entity. Basic population data, in income distribution, labor availability, potential labor availability, and industrial characteristics were included. Labor draw does not respect county or state lines, but to determine the resources, primarily labor, the labor availability within a district represents an important factor in industrial development.

4. Kamp, Cornwell and Associates included condensed data from labor availability and livability studies which they have prepared for the State Development Board. These were included in the district data in which the survey center point was located.

Definitions of Terms Utilized in Study

Present Labor Availability - an analysis of the population ages 19 through 44 years of age. This group is considered the prime age group with which to staff new industry or to provide established plants with personnel as replacements or additions.

Total 19 to 44 Year Old Population - all persons within the 19 44 year-old age group residing within the defined labor draw area. For purposes of this report, a 30 mile radius of an identified center point will be utilized.

Number in Labor Force - the total number of persons ages 19 to 44 who are employed, who have been employed, or presently seek employment in occupations considered "covered" by the unemployment compensation law.

Number Employed - the total number of persons presently employed in occupations considered "covered" by the unemployment compensation law and does not include those who have been employed previously or those unemployed.

Recruitable and Trainable - this includes the number of persons regardless of education, intelligence, or qualifications in the age group 19 to 44 who are recruitable and trainable for employment opportunities. This includes those persons not presently considered in the labor force (covered employment) such as seasonal workers, housewives, persons involved in other "non-covered" occupations, self-employed persons whose income is not sufficient to meet economic needs, etc. In addition, it includes persons who would enter the labor force provided there was employment opportunity

which offered a satisfactory wage with advancement.

Five Year Potential Labor Availability - this includes those persons reaching age 19 and entering the labor force during the next five years. It is corrected for college entrance, other post high school training, military service, females who marry, out-migration patterns, etc. It is a projection based on the previous ten years, and could be accelerated provided additional opportunities for employment became available.

Participation Rate - this term deals with the percentage of the 19 to 44 year-old group participating in the labor force. It is that number in the labor force in relationship to the total population for the 19 to 44 group.

Sources of Material

1. Census of Population 1960, Bureau of the Census, U. S. Department of Commerce.
2. County Business Patterns 1965, Bureau of the Census, U. S. Department of Commerce.
3. Current Population Reports, Series P-25, Number 354, Bureau of the Census, U. S. Department of Commerce.
4. ORRRC Study Report Number 23, Bureau of Labor Statistics, U. S. Department of Labor.
5. U. S. Statistical Abstract of the United States 1966, U. S. Department of Commerce, Bureau of the Census.
6. Business Statistics 1965, U. S. Department of Commerce.
7. Long Term Economic Growth 1860-1965, U. S. Department of Commerce, Bureau of the Census.
8. South Carolina Industrial Directory, State of South Carolina.
9. South Carolina Labor Surveys, Kamp, Cornwell and Associates.
10. Educational Level/Job Opportunity Analysis, Kamp, Cornwell and Associates.
11. Average Monthly Covered Employment 1965, South Carolina Employment Commission, Columbia, South Carolina.

12. General Statistics of South Carolina, South Carolina State Development Board, State of South Carolina.
13. State Superintendent of Education Annual Report, State of South Carolina.
14. Employment and Earnings for States and Areas, Bureau of Labor Statistics, Department of Labor.
15. Sales Management Survey of Buying Power @ 1966.

STATE OF SOUTH CAROLINA
INDUSTRIAL DEVELOPMENT ANALYSIS

Population Characteristics

In 1960, the total population for the state was composed of 2,382,594 persons of which 1,175,818 were male and 1,206,776 were females. The population mix consisted of 65.1% white and 34.9% non-white. Since 1960, it is estimated that the state enjoyed a 7.0% growth in population through 1965. This growth appears to be due to a reduction in out-migration of persons in the critical age groups of 18 to 44 years of age.

Compared nationally, the percentage of growth has been 8.1% on a national basis to 7.0% for South Carolina during the five year period. In looking at this growth by age groups in terms of percentages of growth during the five year period, the following table compares the national growth vs. South Carolina:

<u>AGE GROUP</u>	<u>UNITED STATES</u>	<u>SOUTH CAROLINA</u>
Under 5 Years	+ 8.1	+ 0.2
5 to 17 Years	+ 0.6	+ 4.6
18 to 44 Years	+13.9	+ 8.7
45 to 64 Years	+ 6.0	+11.0
65 Years and Over	+ 8.1	+12.0

On a state basis, population distribution within the regions, is as follows:

	<u>1960 Census</u>	<u>Percentage Of Total</u>
Upper Piedmont	695,298	29.2%
Lower Piedmont	233,740	9.8%
Upper Central	479,089	20.1%
Lower Central	503,817	21.1%
Coastal Plains	470,650	19.8%
 TOTAL	 2,382,594	 100.0%

Educational Patterns

The level of education for the average resident of South Carolina in 1960 was 8.7 median school years completed. This was 1.1 school years improvement over 1950. Nationally, the median school years completed for South Carolina residents falls close to the bottom as compared to all other states. The projections for 1965 median school years completed is only 9.2 years, an improvement of .5 years. Providing this rate of improvement is maintained it will take approximately 30 years before South Carolina attains the level of education for its population which is equal to the national average of 11.8 years.

Naturally, the more urban areas such as Greenville (11.5 years), Spartanburg (10.2 years), Columbia (11.3 years), and Charleston (9.4 years) are more favorable in terms of level of education for their population than such communities as Allendale (8.6 years), Laurens (9.6 years), Newberry (9.7 years), Dillon (9.1 years), Mullins (9.4 years), Orangeburg (8.2 years), and York (8.8 years). This is more true when compared on a county basis rather than a city basis.

The Technical Education Centers have done a good job in providing post education and industrial training for the population. The state colleges are moving out into the communities to meet the academic needs of the population through two year programs of academic training. If Technical Education Centers maintain the industrial/vocational direction and the state universities offer branches for academic programs, then motivational aspects are available to the elementary and high school students towards completion of high school requirements.

Many companies interviewed throughout the state feel that TEC does an outstanding job in training industrial employees. Their main concern is whether or not TEC can meet both the needs of new industry and existing as continued industrialization of the state occurs.

With the trend towards an older work force in the state, vigorous programs of an industrial/vocational nature must be undertaken to provide present industry with trained replacements. A recent study in Spartanburg, conducted by the University of South Carolina, indicated that 10,790 industrially trained individuals would be required in the next five years in that county alone.

The State of South Carolina faces a considerable challenge in providing industrial/vocational training for the 157,188 persons who will reach age 19 and enter the labor force during the period 1967 through 1972. This number does not include those who will enter college, the military, or females who will marry and begin their families. (This potential will be discussed later in this study).

Income and Earnings

Family income within the state is a reflection of the fact that earning power is directly related to the educational level of the "bread-winner." Comparing the distribution of income within South Carolina, as compared to the national distribution, the figures are revealing: @

<u>INCOME LEVEL</u>	<u>UNITED STATES</u>	<u>SOUTH CAROLINA</u>
\$ 0 - \$3,999	35.1%	49.0%
\$4,000 - \$6,999	30.0%	28.1%
\$7,000 & Over	34.9%	22.9%

If we consider the fact that the median school years completed is 11.8 years nationally vs. 9.2 years in South Carolina, the income distribution differences appear more understandable.

In terms of manufacturing employment, which is of basic concern to industrial development, manufacturing average hourly earnings have increased from \$1.67 per hour in 1960 to \$2.12 in 1965. This is an increase of .45¢ per hour as compared to .35¢ on a national basis.

The national manufacturing average hourly earned rate for 1965 was \$2.61. Because of the impact of the textile industry in South Carolina, their pattern of 5% annual increases each year since 1962 has added significantly to the increase in manufacturing earnings.

It is apparent, however, that because of income distribution within the state, better than 55% of the population do not have family incomes equal to those employed in manufacturing occupations. The average manufacturing annual income in the state for 1965 was \$4,410.00. This points out the fact that there are not sufficient employment opportunities within the state to meet the needs of those seeking to raise their standard of living.

The Present Labor Force (Ages 19 to 44 Year Olds)

In terms of labor availability, the primary age group to meet present industry needs as well as new industry requirements is the population group ages 19 to 44. The estimated recruitable and trainable numbers within this age group are as follows:

<u>POPULATION GROUP</u>	<u>TOTAL POPULATION</u>	<u>LABOR FORCE</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	451,049	341,586	33,235
Female	446,391	171,839	63,586
TOTAL	897,440	513,425	96,821

The recruitable and trainable estimate does not take into account educational levels, and mental or physical conditions. As can be seen from the above, the recruitable and trainable group represents only 10.8% of the total population in the 19 to 44 year old group.

Based on present labor force participation rates within the state, which is 57.2% for the 19 to 44 year-old group, the addition of 10.8% more would only raise the state participation rate to align with the national rate of 66.1%. Naturally, to reach this goal, considerably more females must enter the labor force than presently participate.

This means the attraction of industry employing a larger number of females than males or through TEC to provide training which will enable a female to replace a male in an industrial occupation.

The Potential Labor Force (Five Year Projection)

As stated earlier in paragraphs of this report, the State of South Carolina faces a significant task in providing training and employment opportunities for the 157,188 19 year olds who will seek employment between 1967 and 1972. The table below breaks down this figure:

<u>POPULATION GROUP</u>	<u>TOTAL AVAILABLE</u>
Male	105,028
Female	52,160
TOTAL	157,188

This means that each year for the next five years 31,438 additional persons will enter the labor force as replacements, or additions to meet staffing requirements.

An interesting comparison is what happened in South Carolina from 1950 to 1965. During that period there were 291,000 persons reaching age 19 and seeking employment, but only 198,000 new jobs were available. This means that there were an average of 19,400 persons annually to be placed in that period vs. the 31,438 annually in the five years ahead.

Industrial Characteristics

The employment pattern for a given area is a satisfactory means to measure the industrial base of the area. Some degree of interpretation must be made in comparing an area such as the state to the national employment pattern. This interpretation reflects geographic considerations, distribution facilities, marketing factors, historical patterns, and labor requirements.

The employment pattern for South Carolina compared to the United States is in the following table:

<u>Occupational Field</u>	<u>Percentage Employed in Field</u>	
	<u>United States</u>	<u>South Carolina</u>
Manufacturing	29.7%	42.9%
Contract Construction	5.3%	6.3%
Transportation & Utilities	6.7%	4.1%
Wholesale & Retail Trade	20.8%	16.7%
Finance, Insurance, etc.	5.1%	3.4%
Services and Misc.	14.7%	10.1%
Government		
All Others	16.6%	16.3%

From this table it is apparent that the state far surpasses the national pattern in the manufacturing employment field. It must be remembered, however, that this is a percent distribution of only those who are employed. The predominately rural nature of the state has caused fields such as services, transportation and utilities, and finance and insurance to lag behind some of the more urban states.

The listing below is a further breakdown of the manufacturing employment patterns for South Carolina as compared to the United States:

<u>Manufacturing Industry</u>	<u>Percentage Employment by Industry</u>		S.C. vs. U.S. + or -
	<u>United States</u>	<u>South Carolina</u>	
Food & Kindred	9.6%	4.1%	- 5.5%
Textile Mill	5.1%	47.9%	+42.8%
Apparel	7.5%	14.0%	+ 6.5%
Lumber & Wood	3.4%	5.1%	+ 1.7%
Furniture & Fixtures	2.4%	1.4%	+ 1.0%
*Paper & Allied	3.5%	3.4%	- .1%
Printing & Publishing	5.4%	1.3%	- 4.1%
*Chemicals & Allied	5.9%	6.2%	+ .3%
*Rubber & Plastics	2.5%	.6%	- 1.9%
Stone, Clay, & Glass	3.2%	3.1%	- .1%
*Fabricated Metals	7.0%	1.7%	- 5.3%
*Primary Metals	7.2%	3.3%	- 6.9%

(Contd)

<u>Manufacturing Industry</u>	<u>Percentage Employed in Field</u>		S.C. vs. U.S. + or -
	<u>United States</u>	<u>South Carolina</u>	
Machinery except Electrical	9.1%	3.9%	- 5.2%
*Electrical Machinery	9.2%	3.3%	- 5.9%
*Instruments	2.1%	.9%	- 1.2%
Transportation Equipment	9.7%	.8%	- 8.9%
* "Growth" Industries			

The industrial base for South Carolina is relatively dependent upon the textile and apparel industries. Lumber and wood, and the chemical industries are aligned with the national base. It is apparent that there is a need to attract the projected "growth" industries which the state needs to strengthen its industrial base.

The "growth" industries as determined by the Department of Commerce, U. S. News and World Report Economic Unit, the National Industrial Conference Board, and other respected research organizations include chemicals, rubber and plastics, electrical machinery, instruments, primary metals, fabricated metals, and paper and allied. It so happens that South Carolina is weak in terms of an industrial base in all "growth" industries except chemicals. Chemicals stands well primarily due to the location of synthetic fiber producers within the state. State regional analysis contains a review of the type of industry required for the region using the "basic worker" concept. This relates directly to the employment pattern concept utilized in evaluating the state's industrial development base.

The state of South Carolina enjoys a number of advantages for future industrial development and growth. These include:

1. Marketing Advantages - within a 500 mile radius of South Carolina, the employment concentration in manufacturing industries as related to the national employment level for each industry is as follows:

<u>Manufacturing Industry</u>	<u>Percentage of Industries' National Employment</u>
Tobacco	87.9%
Textile Mill	81.3%
Apparel	67.4%
*Chemicals & Allied	61.6%
*Primary Metals	61.1%
Furniture & Fixtures	59.2%
Stone, Clay, and Glass	55.5%
*Rubber & Plastics	52.9%
*Electrical Machinery	50.4%
*Paper & Allied	47.9%
*Fabricated Metals	45.8%
Leather	42.5%
Machinery except Electrical	41.5%
Food and Kindred	4.1%

* "Growth" Industries

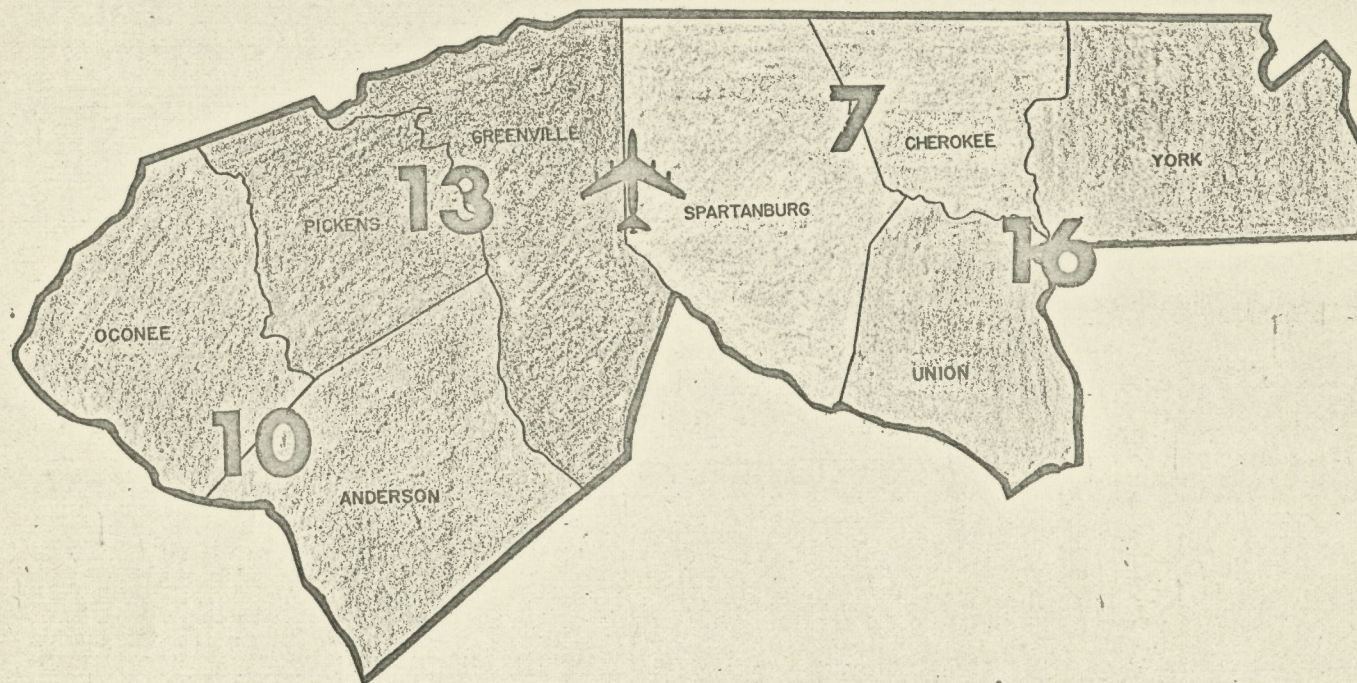
These industries are already in close proximity to South Carolina except for foods. This offers not only draw of the primary industry but also supporting or contributing industry.

2. Transportation and Distribution - the state is covered by a very satisfactory system of secondary highways and will possess an excellent system of interstate highways in all directions. The interstate highways are linked to the key distribution centers - Charleston, Columbia, Greenville, and Spartanburg, and interlock with other interstate highways to all areas of the nation. Major rail, air, and trucking facilities serve the state.
3. Livability Factors - within the state there are 72 communities which possess desirable livability factors such as housing, educational facilities, cultural, and social facilities and recreational areas. These vary from the highly urban areas such as Charleston, Greenville, Spartanburg, and Columbia to smaller communities such as Allendale, Beaufort, Florence,

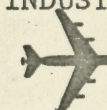
Gaffney, Sumter, Orangeburg, and Seneca.

4. Industrial Training Facilities - across the state are located 10 Technical Educational Centers that are rated at the top nationally which provide industrial and vocational training services to present and new industry at no cost to the industry.
5. Labor Availability - the state offers to new industry and to present industry 96,821 persons between the ages of 19 and 44 years immediately recruitable and trainable. In addition, there will be 157,188 persons seeking employment in the next five years. The location of these persons can be identified through comprehensive labor surveys.

UPPER PIEDMONT REGION



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UPPER PIEDMONT REGION
INDUSTRIAL DEVELOPMENT ANALYSIS

General Social and Economic Characteristics

This region is composed of the following counties:

<u>INDUSTRIAL</u> <u>DISTRICT 7</u> Cherokee Spartanburg	<u>INDUSTRIAL</u> <u>DISTRICT 10</u> Anderson Oconee	<u>INDUSTRIAL</u> <u>DISTRICT 13</u> Greenville Pickens	<u>INDUSTRIAL</u> <u>DISTRICT 16</u> Union York
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All of these counties except Anderson and Union border on the state of North Carolina with Anderson and Oconee adjoining the state of Georgia. These counties within the Upper Piedmont Region have a very gentle, rolling terrain and similar geographical characteristics. Portions of Spartanburg, Greenville, Pickens, and Oconee counties have mountainous terrain which provides esthetic value to the region. This region is considered an integral part of the heavily industrialized "piedmont crescent".

A total of 695,298 persons reside in the region (1960) within the 5,159 square miles. This gives an average density of population of 134.7 persons per square mile. This ranges from a low of 90.6 persons per square mile in Union and York Counties to a high of 198.2 persons in Greenville and Pickens counties. The population mix is composed of 80% white and 20% non-white.

The primary communities within the region offering basic facilities and livability factors by category of population (1960 Census) include:

<u>50,000 to</u> <u>100,000</u> Greenville	<u>25,000 to</u> <u>50,000</u> Anderson Rock Hill Spartanburg	<u>10,000 to</u> <u>25,000</u> Gaffney Union	<u>Under</u> <u>10,000</u> Belton Blacksburg Clemson Clover Easley Greer Landrum Pickens Seneca Woodruff York
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Income distribution within the region is a reflection of labor availability. The greater the percentage of the population with family income less than \$3,999, the less industrialization there is in the area. The distribution of income in the region is as follows:

	<u>Anderson Seneca</u>	<u>Greenville Pickens</u>	<u>Spartanburg Gaffney</u>	<u>Union Rock Hill</u>
Less than \$3,999	48.3%	39.8%	47.9%	44.3%

This region is more favorable in terms of income distribution than the state. The state shows 49.0% of the population with family income less than \$3,999. These figures identify the greater concentration of industry within this region than the state as a whole. However, even with this showing in the upper piedmont district, approximately 40% of the region's population have an income of less than \$3,999 annually. These persons are not participating in manufacturing occupations, are underemployed, or are unemployed.

Reviewing income and earnings is not complete without reviewing the labor force participation rate (ages 19 to 44) for a given area. Labor force participation includes persons who are employed, who have been employed, or now actively seek employment if such were available. The table below compares the Upper Piedmont Region to the state and national labor participation rates:

<u>LABOR FORCE PARTICIPATION</u> (19 to 44 Year Olds)			
	<u>OVERALL</u>	<u>MALE</u>	<u>FEMALE</u>
Upper Piedmont	59.1%	76.1%	42.1%
State	57.2%	75.7%	38.4%
National	66.1%	86.6%	45.6%

This region, primarily due to the textiles and apparel industries, employs a large number of females as the participation figures indicate. Except for the Lower Piedmont Region, this participation rate for females is the highest of the five regions. It is interesting to note that the highest participation rate for males is in the Coastal Plains Region (76.9%) compared to the Upper Piedmont's 76.1%.

Overall, the participation rate for the region is the highest in the state. This is 7% below the national participation rate.

Labor Availability (Ages 19 to 44 Year Olds)

The following table is an estimate of labor availability within the region. For location purposes, a detailed study should be made within a 30 mile radius of a selected site area:

<u>POPULATION GROUP</u>	<u>TOTAL POPULATION</u>	<u>LABOR FORCE</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	128,251	98,695	8,743
Female	<u>134,795</u>	<u>56,821</u>	<u>17,542</u>
TOTAL	263,046	155,516	26,285

The recruitable and trainable estimates are based on present labor force participation rates, income levels, and job opportunities in present industry to meet replacement and expansion needs and projected industrial growth. If overall present labor force participation rates in the region were higher, the recruitable and trainable number would be greater.

The potential labor force for the region during the next five years will be 45,678 persons. These are those persons who will reach age 19 and enter the labor force between 1967 and 1972. This figure has been corrected for persons who will enter college or the military, and females who will marry and begin families. Broken down by male and female, it includes 29,242 males and 16,435 females. This figure indicates that even with the present labor force participation rates, approximately 9,137 persons will seek employment annually in the region.

Industrial Characteristics

There are 26 plants in the region employing in excess of 1,000 persons; 58 between 500 and 1,000; and 218 between 100 and 500. The significant plants in terms of employment within the region include:

<u>COMPANY</u>	<u>LOCATION</u>	<u>NO. OF EMPLOYEES</u>
Lowenstein's	Spartanburg	3,000
Celanese	Rock Hill	2,300
Fiber Industries	Greenville	1,750
Jonathan Logan	Spartanburg	1,500
Owens-Corning	Anderson	1,250
Kendall Company	Anderson	1,250

In comparing the Upper Piedmont Region with the state in terms of employment patterns, the table below helps to identify the employment opportunities within the area:

<u>OCCUPATIONAL FIELDS</u>	<u>PERCENTAGE OF LABOR FORCE</u> <u>UPPER PIEDMONT</u>	<u>STATE</u>
Manufacturing	67.4%	42.9%
Contract Construction	5.3%	6.3%
Communications, Transportation, and Utilities	3.1%	4.1%
Wholesale Trade and Retail Trade	16.2%	16.7%
Finance and Insurance	2.4%	3.4%
Services	5.6%	10.1%

The table above clearly identifies the significance of manufacturing employment. The higher income levels within the region are a result of the manufacturing employment opportunities.

Potential Industrial Development Opportunities

One means to identify the direction of industrial development efforts within a region is the "basic worker concept". This concept assumes:

1. That the manufacturing employment distribution on a National level is ideal in terms of the distribution of income-outgoing and incoming. This is a relationship in which the number of the workers who bring income into the area is equal to the number of workers who distribute income out of the area in terms of goods produced through their efforts.

2. Using national distribution compared to the region distribution, opportunities which indicate a greater income of income are those opportunities which offer the greater industrial development opportunities for the region.

With this concept in mind, the table below compares the region to national averages in basic or income producing workers:

<u>BELOW</u> <u>AVERAGE</u>	<u>AVERAGE</u>	<u>ABOVE</u> <u>AVERAGE</u>
Food	Printing	Chemicals
Transportation Equip.	Stone, Clay & Glass	Apparel
Instruments	Non-electrical machinery	Textile mill products
Leather	Electrical Machinery	
Primary Metals	Fabricated Metals	
	Lumber and Wood	

This concept does not take into consideration geographic location in terms of marketing, availability of materials, or labor requirements, but it simply reflects the economic considerations of the region's industrial base as related to total industrial development.

Significant Remarks

1. Technical Education Center located at Greenville, Anderson, and Spartanburg.
2. Detailed labor availability survey available for Spartanburg, Moore, and Anderson.

INDUSTRIAL DEVELOPMENT DISTRICT - SEVEN



INDUSTRIAL DEVELOPMENT DISTRICT - SEVEN

General Social and Economic Characteristics

This Industrial Development District is composed of the counties of Cherokee and Spartanburg. The district is located in the upper piedmont region of the state. It has a population (1960) of 192,035 residing within the 1,224 square mile area. This is a density of population of 156.8 persons per square mile. The population mix is composed of 78.9% white and 21.9% non-white.

For purposes of industrial development, the primary communities offering the necessary livability factors include:

<u>COMMUNITY</u>	<u>POPULATION (1960)</u>
Blacksburg	2,174
Landrum	1,930
Spartanburg	44,352
Woodruff	3,679
Gaffney	10,435

Within the district, the projected median school years completed for the population is 9.2 years. Income distribution within the district is as follows: @

<u>INCOME LEVEL</u>	<u>PERCENTAGE OF FAMILIES</u>
\$ 0 - \$3,999.	47.9%
\$4,000 - \$6,999	30.7%
\$7,000 & Over	21.4%

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Labor Availability (Age 19 to 44 Year Olds Within District)

<u>POPULATION GROUP</u>	<u>TOTAL POPULATION</u>	<u>LABOR FORCE</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	34,163	26,357	2,511
Female	36,774	13,082	4,735
TOTAL	70,937	39,439	7,246

Participation in the labor force for the 19 to 44 year old group within the district is 55.6%.

Potential of the Labor Force 1967 - 1972

<u>POPULATION GROUP</u>	<u>ENTERING LABOR FORCE</u>
Male	8,182
Female	4,735
TOTAL	12,917

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Industrial Characteristics

There are a total of 71 companies in the district employing between 100 and 499 employees; 13 between 499 and 999; and 9 in excess of 1,000. This is further broken down as follows:

<u>COUNTY</u>	<u>NO. OF COMPANIES BY EMPLOYMENT LEVEL</u>		
	<u>100-499</u>	<u>499-999</u>	<u>1,000 & Over</u>
Cherokee	10	1	2
Spartanburg	61	12	7
TOTALS	71	13	9

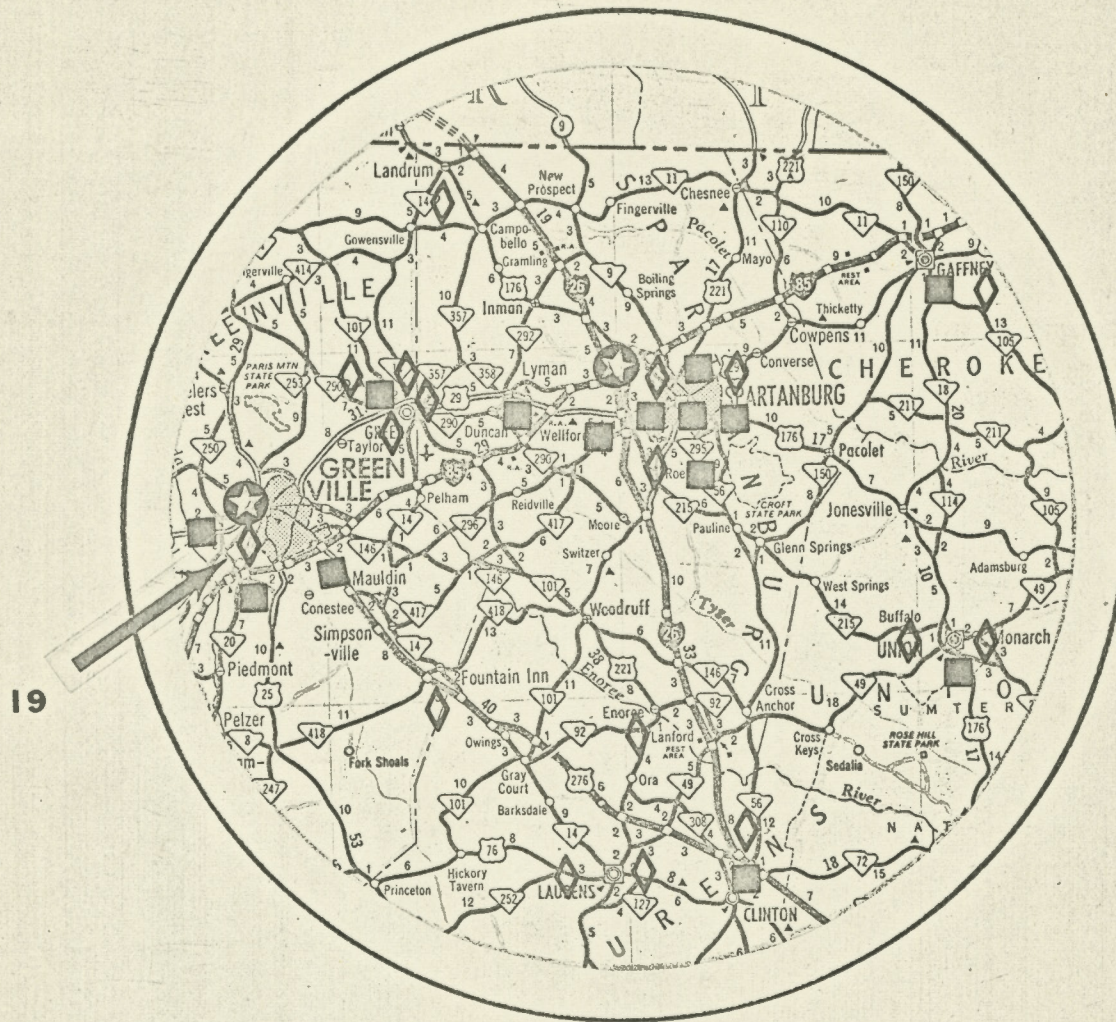
Primary employers include Chemstrand Company, Pacolet Industries, Burlington Industries, Jonathan Logan, Inc., Lowenstein and Sons, Mayfair Mills, Inman Mills, J. P. Stevens & Co., Bigelow-Sanford, Alamo Industries, Deering-Milliken, Harley Bag Company, Hercules, Hyston, Inc., Kohler Company, Reeves Brothers, Spartan Mills, Union Bag Company, and Firestone.

Representative products produced include textiles, fabricated metals, apparel, plumbing fixtures, synthetic fibers, chemicals, food products, packaging products.

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Significant Remarks

A Technical Education Center is located at Spartanburg. Detailed labor availability and livability studies have been conducted for a 30 mile radius of both Spartanburg and Moore.

MOORE, SOUTH CAROLINA
30 MILE RADIUS
LABOR DRAW AREA



LEGEND

- ◆ PLANTS EMPLOYING 500 - 999
- PLANTS EMPLOYING OVER 1000
- ★ TECHNICAL EDUCATION CENTER

ALL LOCATIONS APPROXIMATE

DATE PREPARED
JULY, 1966

MOORE, SOUTH CAROLINA
LABOR AVAILABILITY DATA
30 MILE RADIUS

Present Labor Availability - (Age 19 to 44 Year Olds)

<u>GROUP</u>	<u>TOTAL 19-44 POPULATION</u>	<u>NUMBER IN LABOR FORCE</u>	<u>NUMBER EMPLOYED</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	81,664	62,920	61,262	5,640
Female	<u>86,692</u>	<u>37,501</u>	<u>36,193</u>	<u>11,284</u>
TOTAL	168,356	100,421	97,455	16,924

There are 9,356 high school graduates in the recruitable and trainable group.

Labor force participation for the 19-44 year old group is 60.1%.

Five Year Potential Labor Availability - (Persons reaching age 19 and entering the labor force)

<u>GROUP</u>	<u>TOTAL NUMBERS</u>	<u>H. S. GRADUATES IN TOTAL</u>
Male	18,712	9,001
Female	<u>10,152</u>	<u>5,935</u>
TOTAL	28,864	14,936

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INDUSTRIAL CHARACTERISTICS

1. There are 126 companies employing between 100 and 499 persons; 36 between 500 and 999; and 14 with over 1,000 persons.
2. Primary employers include Lyman Printing and Finishing, Jonathan Logan, Lowensteins, Carlisle Finishing, J. P. Stevens, Fiber Industries, Pacolet Industries, and Firestone.
3. Products manufactured include textile mill products, synthetic fibers, fabricated metals, plumbing fixtures, and apparel.

.....
SIGNIFICANT REMARKS

1. Moore is located on Interstate 26 approximately 15 miles from the Interstate 26 and Interstate 85 interchange. The area has excellent highway system for labor draw.
2. The Spartanburg-Greenville area offers desirable housing and livability factors.
3. Technical Education Center is located in Spartanburg.

SPARTANBURG, SOUTH CAROLINA

30 MILE RADIUS

LABOR DRAW AREA



17

LEGEND

- ◇ PLANTS EMPLOYING 500 - 999
- PLANTS EMPLOYING OVER 1000
- ★ TECHNICAL EDUCATION CENTER

ALL LOCATIONS APPROXIMATE

DATE PREPARED
SEPTEMBER, 1966

SPARTANBURG, SOUTH CAROLINA

LABOR AVAILABILITY DATA

30 MILE RADIUS

Present Labor Availability - (Age 19 to 44 Year Olds)

<u>GROUP</u>	<u>TOTAL 19-44 POPULATION</u>	<u>NUMBER IN LABOR FORCE</u>	<u>NUMBER EMPLOYED</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	69,424	53,239	51,689	5,061
Female	74,385	31,682	30,617	9,778
TOTAL	143,809	85,221	82,306	14,839

There are 6,141 high school graduates in the recruitable and trainable group.

Labor force participation for the 19 to 44 year old group is 59.1%.

Five Year Potential Labor Availability - (Persons reaching age 19 and entering the labor force)

<u>GROUP</u>	<u>TOTAL NUMBERS</u>	<u>H. S. GRADUATES IN TOTAL</u>
Male	16,511	6,260
Female	9,692	3,797
TOTAL	26,203	10,057

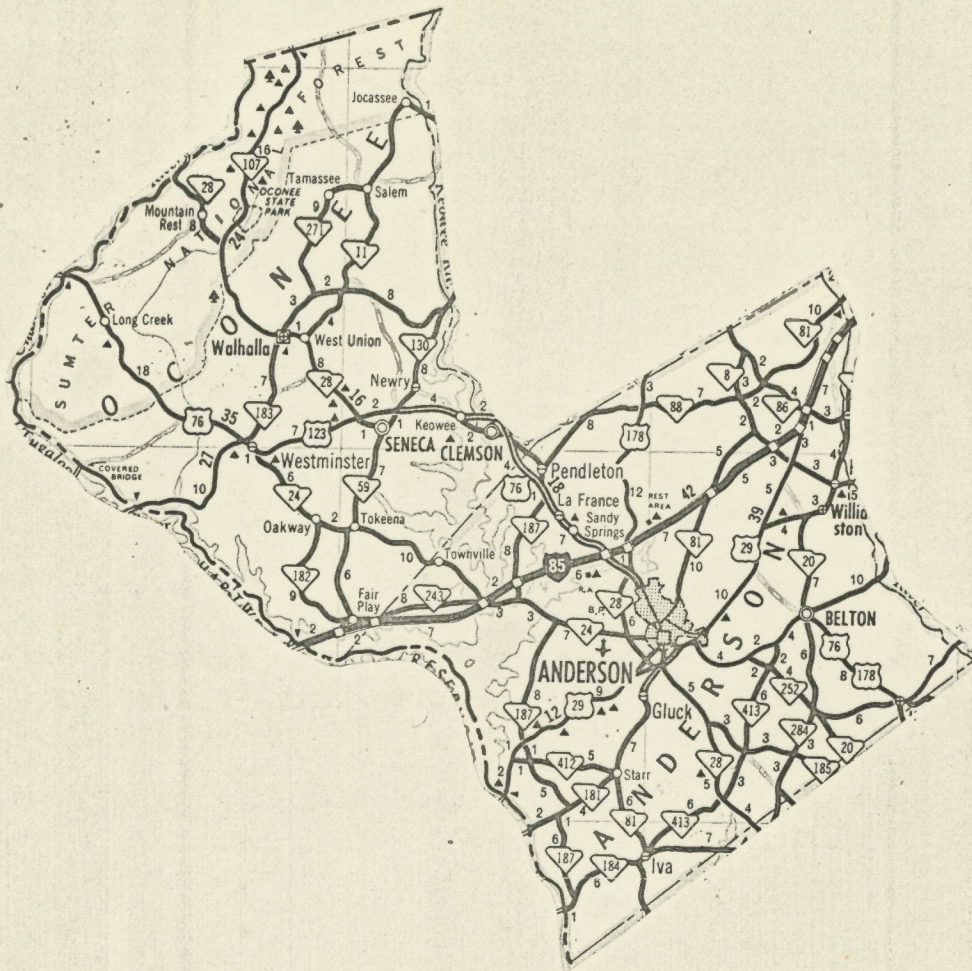
INDUSTRIAL CHARACTERISTICS

1. There are 134 companies employing between 100 and 499 persons; 33 between 500 and 999; and 13 over 1,000 persons.
2. Primary employers include Lyman Printing and Finishing, Johathan Logan, Lowenstein, Carlisle Finishing, J. P. Stevens, Fiber Industries, Deering-Milliken, and Pacolet Industries.
3. Products manufactured include textile mill products, synthetic fibers, fabricated metals, plumbing fixtures, and apparel.

SIGNIFICANT REMARKS

1. Spartanburg is located at the junction of Interstate 85 and Interstate 26. The area has excellent highway systems for labor draw purposes.
2. Technical Education Center is located at Spartanburg. A 2-year college and two 4-year colleges are located in Spartanburg.
3. The Spartanburg-Greenville area offers desirable housing and livability factors.

INDUSTRIAL DEVELOPMENT DISTRICT - TEN



INDUSTRIAL DEVELOPMENT DISTRICT - TEN

General Social and Economic Characteristics

This Industrial Development District is composed of the counties of Anderson and Oconee. The district is located in the upper piedmont region of the state. It has a population (1960) of 138,682 residing within the 1,445 square mile area. This is a density of population of 95.9 persons per square mile. The population mix is composed of 83.1% white and 16.9% non-white.

For purposes of industrial development, the primary communities offering the necessary livability factors include:

<u>COMMUNITY</u>	<u>POPULATION (1960)</u>
Anderson	41,316
Belton	5,106
Clemson	1,587
Seneca	5,227
Walhalla	3,431

Within the district, the projected median school years completed for the population is 9.3 years. Income distribution within the district is as follows: @

<u>INCOME LEVEL</u>	<u>PERCENTAGE OF FAMILIES</u>
\$ 0 - \$3,999	48.3%
\$4,000 - \$6,999	31.2%
\$7,000 & Over	20.5%

.....
Labor Availability (Age 19 to 44 Year Olds Within District)

<u>POPULATION GROUP</u>	<u>TOTAL POPULATION</u>	<u>LABOR FORCE</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	27,207	20,005	1,925
Female	26,238	12,649	3,167
TOTAL	53,445	32,654	5,092

Participation in the labor force for the 19 to 44 year old group within the district is 61.1%.

Potential of the Labor Force 1967 - 1972

<u>POPULATION GROUP</u>	<u>ENTERING LABOR FORCE</u>
Male	5,506
Female	3,439
TOTAL	8,945

Industrial Characteristics

There are a total of 43 companies in the district employing between 100 and 499 employees; 15 between 499 and 999; and 6 in excess of 1,000. This is further broken down as follows:

<u>COUNTY</u>	<u>NO. OF COMPANIES BY EMPLOYMENT LEVEL</u>		
	<u>100-499</u>	<u>499-999</u>	<u>1,000 & Over</u>
Anderson	32	9	5
Oconee	11	6	1
TOTALS	43	15	6

Primary employers include Abney Mills, Dow Badische Company, Lowenstein & Sons, Owens-Corning Fiberglass, Singer Company, J. P. Stevens & Co., True Temper Corporation, The Belton Company, Bigelow-Sanford, Inc., Deering-Milliken, Kendall Company, Jantzen-Southern, Inc., Dunlap Tire and Rubber Company, Sangamo Electric Company, and Torrington Company.

Representative products produced include textile mill products, electrical products, machine needles, food products, apparel, sports equipment, synthetic fibers, glass fibers, and fabricated metals.

Significant Remarks

A Technical Education Center is located at Pendleton. A detailed labor availability and livability study has been conducted for Anderson.

ANDERSON, SOUTH CAROLINA

30 MILE RADIUS

LABOR DRAW AREA



LEGEND

- ◆ PLANTS EMPLOYING 500 - 999
- PLANTS EMPLOYING OVER 1000
- ★ TECHNICAL EDUCATION CENTER

ALL LOCATIONS APPROXIMATE

DATE PREPARED
MAY, 1966

ANDERSON, SOUTH CAROLINA
LABOR AVAILABILITY DATA
30 MILE RADIUS

Present Labor Availability (Age 19 to 44 Year Olds)

<u>GROUP</u>	<u>TOTAL 19-44 POPULATION</u>	<u>NUMBER IN LABOR FORCE</u>	<u>NUMBER EMPLOYED</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	63,499	49,993	48,000	3,999
Female	<u>65,488</u>	<u>29,321</u>	<u>28,219</u>	<u>8,437</u>
TOTAL	128,987	78,319	76,219	12,436

There are 4,008 high school graduates in the recruitable and trainable group.

Labor force participation for the 19 to 44 year old is 60.7%.

Five Year Potential Labor Availability - (Persons reaching age 19 and entering the labor force)

<u>GROUP</u>	<u>TOTAL NUMBERS</u>	<u>H. S. GRADUATES IN TOTAL</u>
Male	14,201	4,363
Female	<u>7,942</u>	<u>3,158</u>
TOTAL	22,143	7,521

INDUSTRIAL CHARACTERISTICS

1. There are 125 companies in the area employing between 100 and 499 persons; 33 with between 500 and 999; and 15 with 1,000 or more.
2. Primary companies in the area include Abney Mills, Lowensteins, Owens Corning, Kendall, Deering-Milliken, Bigelow-Sanford, Burlington, J. P. Stevens, Sangamo Electrical, Saco-Lowell, and Dow Badische.
3. Representative products manufactured include textile mill products, power tools, electric meters, synthetic fibers, apparel, and fiberglass.

SIGNIFICANT REMARKS

1. Technical Education Center is located approximately 10 miles from Anderson. Clemson University is located 18 miles from Anderson at Clemson.
2. Interstate 85 runs through the area along with sufficient highways to draw labor from all areas.

INDUSTRIAL DEVELOPMENT DISTRICT - THIRTEEN



INDUSTRIAL DEVELOPMENT DISTRICT - THIRTEEN

General Social and Economic Characteristics

This Industrial Development District is composed of the counties of Greenville & Pickens. The district is located in the upper piedmont region of the state. It has a population (1960) of 255,806 residing within the 1,290 square mile area. This is a density of population of 198.2 persons per square mile. The population mix is composed of 83.7% white and 16.3% non-white.

For purposes of industrial development, the primary communities offering the necessary livability factors include:

<u>COMMUNITY</u>	<u>POPULATION (1960)</u>
Easley	8,283
Greenville	66,188
Greer	8,967
Pickens	2,198

Within the district, the projected median school years completed for the population is 10.3 years. Income distribution within the district is as follows: @

<u>INCOME LEVEL</u>	<u>PERCENTAGE OF FAMILIES</u>
\$ 0 - \$3,999	39.8%
\$4,000 - \$6,999	32.7%
\$7,000 & Over	27.5%

.....
Labor Availability (Age 19 to 44 Year Olds Within District)

<u>POPULATION GROUP</u>	<u>TOTAL POPULATION</u>	<u>LABOR FORCE</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	48,118	37,824	2,822
Female	50,587	22,301	6,657
TOTAL	98,705	60,125	9,479

Participation in the labor force for the 19 to 44 year old group within the district is 60.9%.

Potential of the Labor Force 1967 - 1972

<u>POPULATION GROUP</u>	<u>ENTERING LABOR FORCE</u>
Male	10,643
Female	5,652
TOTAL	16,295

.....
Industrial Characteristics

There are a total of 81 companies in the district employing between 100 and 499 employees; 21 between 499 and 999; and 7 in excess of 1,000. This is further broken down as follows:

<u>COUNTY</u>	<u>NO. OF COMPANIES BY EMPLOYMENT LEVEL</u>		
	<u>100-499</u>	<u>499-999</u>	<u>1,000 & Over</u>
Greenville	63	21	3
Pickens	18	-	4
TOTALS	81	21	7

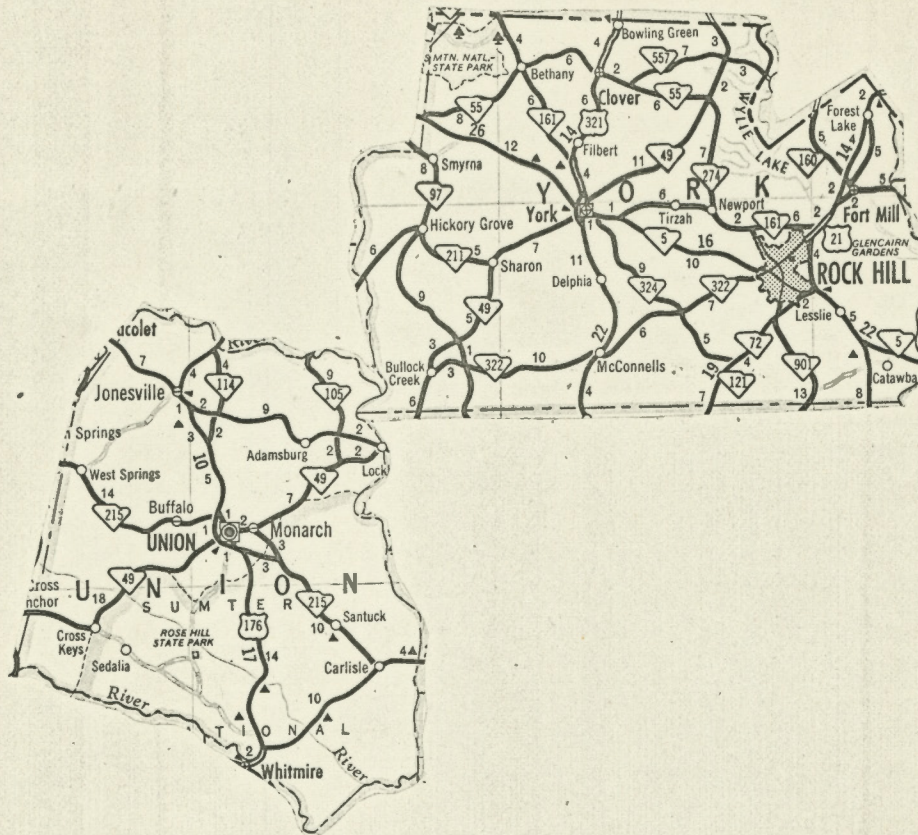
Primary employers include Woodside Mills, Cannon Mills, Alice Manufacturing Co., Mayfair Mills, Saco-Lowell, Mohasco, Singer Co., Sangamo Electric, Abney Mills, Armstrong Cork, Cone Mills, Fiber Industries, LTV Electrosystems, Inc., Indian Head Mills, J. P. Stevens, Phillips Fiber Co., Spartan Industries, Celanese Corp., Texize Chemical Co., Union Carbide, and W. R. Grace.

Representative products produced include textile mill products, electrical meters, textile machinery, fabricated metals, apparel, aircraft, chemicals, synthetic fibers, plastic film, capacitors, and packaging materials.

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Significant Remarks

A Technical Education Center is located at Greenville.

INDUSTRIAL DEVELOPMENT DISTRICT - SIXTEEN



INDUSTRIAL DEVELOPMENT DISTRICT - SIXTEEN

General Social and Economic Characteristics

This Industrial Development District is composed of the counties of Union and York. The district is located in the upper peidmont region of the state. It has a population (1960) of 108,775 residing within the 1,200 square mile area. This is a density of population of 90.6 persons per square mile. The population mix is composed of 71.1% white and 28.9% non-white.

For purposes of industrial development, the primary communities offering the necessary livability factors include:

<u>COMMUNITY</u>	<u>POPULATION (1960)</u>
Clover	3,500
Rock Hill	29,404
Union	10,191
York	4,758

Within the district, the projected median school years completed for the population is 8.9 years. Income distribution within the district is as follows: @

<u>INCOME LEVEL</u>	<u>PERCENTAGE OF FAMILIES</u>
\$ 0 - \$3,999	44.3%
\$4,000 - \$6,999	30.7%
\$7,000 & Over	25.0%

.....
Labor Availability (Age 19 to 44 Year Olds Within District)

<u>POPULATION GROUP</u>	<u>TOTAL POPULATION</u>	<u>LABOR FORCE</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	18,763	14,509	1,485
Female	21,196	8,789	2,983
TOTAL	39,959	23,298	4,468

Participation in the labor force for the 19 to 44 year old group within the district is 57.8%.

Potential of the Labor Force 1967 - 1972

<u>POPULATION GROUP</u>	<u>ENTERING LABOR FORCE</u>
Male	4,912
Female	<u>2,609</u>
TOTAL	7,521

.....
Industrial Characteristics

There are a total of 23 companies in the district employing between 100 and 499 employees; 9 between 499 and 999; and 4 in excess of 1,000. This is further broken down as follows:

<u>COUNTY</u>	<u>NO. OF COMPANIES BY EMPLOYMENT LEVEL</u>		
	<u>100-499</u>	<u>499-999</u>	<u>1,000 & Over</u>
Union	6	4	1
York	<u>17</u>	<u>5</u>	<u>3</u>
TOTALS	23	9	4

Primary employers include United Merchants, Cone Mills, J. P. Stevens & Co., Pacolet Industries, Conso Fastener Corp, Deering-Milliken, Bowaters, American Thread Company, Springs Mills, Celanese Corporation, Lowenstein & Sons, Cannon Mills, Talon, Inc.

Representative products produced include textile mill products, sewing aids, paper products, and cellulose acetate.

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Significant Remarks

A Technical Education Center is located at Rock Hill.

LOWER PIEDMONT REGION



NUMBERS INDICATE
INDUSTRIAL DISTRICT



MAJOR AIR
FACILITY

LOWER PIEDMONT REGION
INDUSTRIAL DEVELOPMENT ANALYSIS

General Social and Economic Characteristics

This region is composed of the following counties:

INDUSTRIAL DISTRICT 6

Chester
Lancaster
Fairfield

INDUSTRIAL DISTRICT 8

Abbeville
Greenwood
Laurens
Newberry

This region is considered the "foothills" area with Lancaster County bordering on North Carolina, and Abbeville on Georgia. The terrain is gently rolling. Geographically and population-wise the area is homogeneous in nature. This area has a greater concentration of textile employment as to a percentage relationship with the total population than the Upper Piedmont Region. This area is considered a part of the "piedmont crescent".

The region's population in 1960 was 233,740 with a land area of 3,990 square miles. The density of population was 68.5 persons per square mile. Due to a lack of an urban area within the region, the density of population is relatively even in distribution. The population mix for the region is composed of 65.4% white and 34.6% non-white.

The primary communities with the region offering basic facilities and livability factors by size of community include: (1960 Census)

<u>10,000 to</u> <u>25,000</u>	<u>5,000 to</u> <u>10,000</u>	<u>Under</u> <u>5,000</u>
Greenwood	Laurens	Chester
	Newberry	Winnsboro
	Lancaster	Whitmire
	Clinton	
	Abbeville	

Income distribution within the region is a reflection of the area labor availability. The greater the percentage of population with family income less than \$3,999, the less industrialized the area. Distribution within the region is as follows:

	<u>GREENWOOD AREA</u>	<u>CHESTER AREA</u>
Less than \$3,999	49.4%	51.1%

This region is approximately equal to the state in terms of income distribution. Approximately 50% of the region's population make less than \$3,999 (\$1.92 per hour). This indicates the availability of persons employed outside manufacturing (manufacturing average hourly earnings \$2.12) or a lack of manufacturing opportunities.

The Lower Piedmont Region has the highest labor force participation rate for the females of the other four regions in the state. Overall, at 58.5% it compares favorably to the 57.2% for the state.

LABOR FORCE PARTICIPATION
(19 to 44 Year Olds)

	<u>OVERALL</u>	<u>MALE</u>	<u>FEMALE</u>
Lower Piedmont	58.5%	73.3%	44.2%
State	57.2%	75.7%	38.4%
National	66.1%	86.6%	45.6%

As stated earlier, the predominance of textiles and apparel within the region account for the heavy employment of females. This region located between two urban areas - Greenville/Spartanburg and Columbia - has a large percentage of its males commuting out of the region for work.

Labor Availability (Ages 19 to 44 Year Olds)

The following table is an estimate of labor availability within the region. For location purposes, a detailed study should be made within a 30 mile radius of the selected site area.

<u>POPULATION GROUP</u>	<u>TOTAL POPULATION</u>	<u>LABOR FORCE</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	40,642	29,912	3,164
Female	42,742	18,927	5,858
Total	83,384	48,839	9,022

The recruitable and trainable estimates are based on present labor force participation rates, income levels, and job opportunities in present industry to meet replacement and expansion needs and projected industrial growth. If overall present labor force participation rates in the region were higher, the recruitable and trainable number would be greater.

The potential additional labor force for the region during the next five years will be 14,991 persons. These are those persons who will reach age 19 and enter the labor force between 1967 and 1972. This figure has been corrected for persons who will enter college or the military, and females who will marry and begin families. Broken down by male and female, it includes 10,147 males and 5,844 females. This figure indicates that even with the present labor force participation rates, approximately 3,198 persons will seek employment annually in the region.

Industrial Characteristics

There are 9 plants in the region employing in excess of 1,000 persons; 19 between 500 and 1,000; and 66 between 100 and 500. The significant plants in terms of employment within the region include:

<u>COMPANY</u>	<u>LOCATION</u>	<u>NO. OF EMPLOYEES</u>
Springs Mill	Grace	2,552
Riegel Textile Corporation	Ware Shoals	2,500
Chemstrand	Greenwood	2,400
Greenwood Mills	Joanna	1,700
U. S. Rubber Company	Winnsboro	1,250
Deering-Milliken Co.	Abbeville	1,100

In comparing the Lower Piedmont Region with the state in terms of employment patterns, the following table helps to identify the employment opportunities within the area:

<u>OCCUPATIONAL FIELDS</u>	<u>PERCENTAGE OF LABOR FORCE</u>	
	<u>LOWER PIEDMONT</u>	<u>STATE</u>
Manufacturing	79.2%	42.9%
Contract Construction	3.6%	6.3%
Communications, Transportation and Utilities	1.9%	4.1%
Wholesale and Retail Trade	11.2%	16.7%
Finance and Insurance	1.5%	3.4%
Services		

The table above clearly identifies the significance of manufacturing employment. The higher income levels within the region are a result of the manufacturing employment opportunities.

Potential Industrial Development Opportunities

One means to identify the direction of industrial development efforts within a region is the "basic worker concept". This concept assumes:

1. That the manufacturing employment distribution on a National level is ideal in terms of the distribution of income - outgoing and incoming. This is a relationship in which the number of workers who bring income into the area is equal to the number of workers who distribute income out of the area in terms of goods produced through their efforts.
2. Using national distribution compared to the region distribution, opportunities which indicate a greater incoming of income are those opportunities which offer the greater industrial development opportunities for the region.

With this concept in mind, the following table compares the region with national averages in basic or income producing workers:

BELOW AVERAGE

Food
Stone, Clay and Glass
Transportation Equip.
Electrical Machinery
Fabricated Metals
Tobacco
Furniture
Paper and Allied

AVERAGE

Apparel
Machinery
Instruments

ABOVE AVERAGE

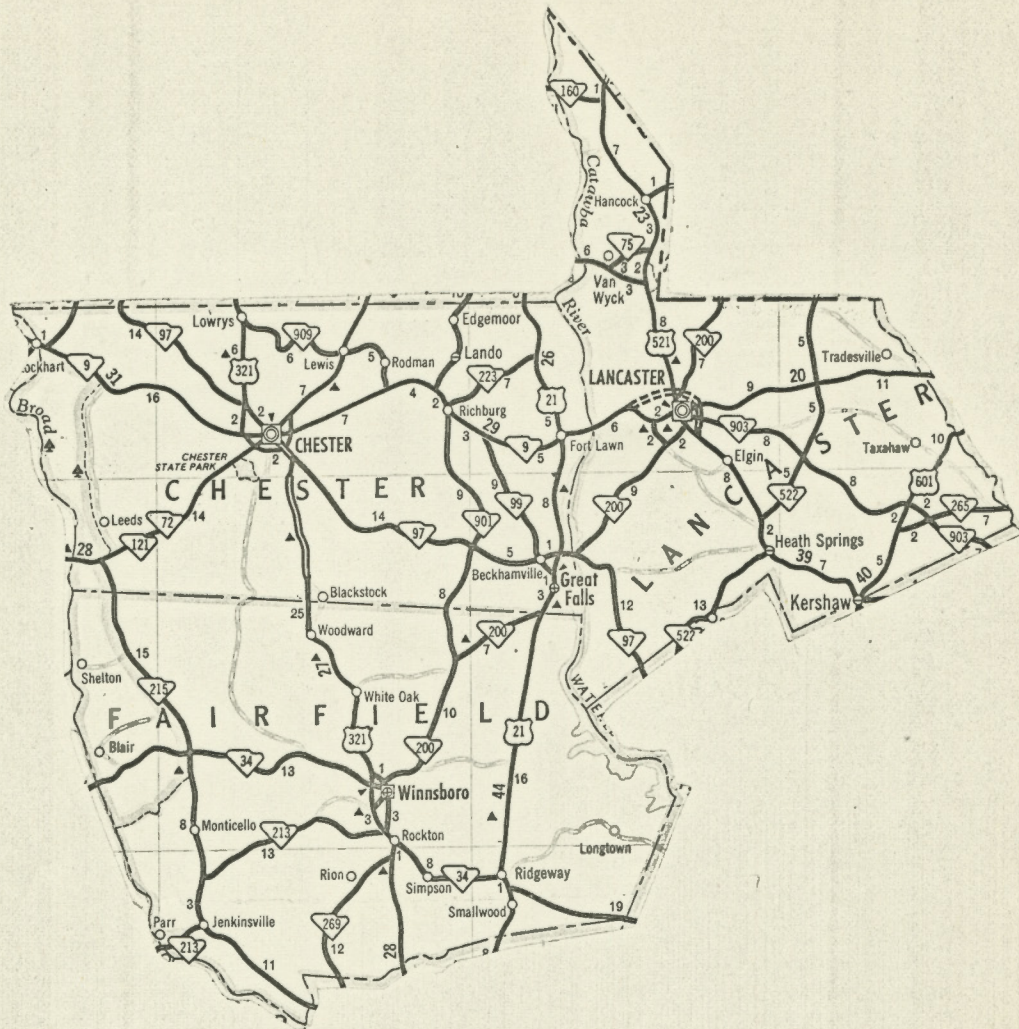
Textile Mill Products
Chemicals

This concept does not take into consideration geographic location in terms of marketing, availability of materials, or labor requirements, but it simply reflects the economic considerations of the region's industrial base as related to total industrial development.

Significant Remarks

1. A Technical Education Center is located at Lancaster.
2. A detailed labor availability and livability survey is available for Newberry.

INDUSTRIAL DEVELOPMENT DISTRICT - SIX



INDUSTRIAL DEVELOPMENT DISTRICT - SIX

General Social and Economic Characteristics

This Industrial Development District is composed of the counties of Chester, Fairfield and Lancaster. The district is located in the lower piedmont region of the state. It has a population (1960) of 90,952 residing within the 1,788 square mile area. This is a density of population of 50.9 persons per square mile. The population mix is composed of 61.2% white and 38.8% non-white.

For purposes of industrial development, the primary communities offering the necessary livability factors include:

<u>COMMUNITY</u>	<u>POPULATION (1960)</u>
Chester	6,906
Lancaster	7,999
Winnsboro	3,479

Within the district, the projected median school years completed for the population is 8.6 years. Income distribution within the district is as follows: @

<u>INCOME LEVEL</u>	<u>PERCENTAGE OF FAMILIES</u>
\$ 0 - \$3,999	51.1%
\$4,000 - \$6,999	28.9%
\$7,000 & Over	20.0%

.....

Labor Availability (Age 19 to 44 Year Olds Within District)

<u>POPULATION GROUP</u>	<u>TOTAL POPULATION</u>	<u>LABOR FORCE</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	15,649	11,821	1,017
Female	16,483	7,213	2,130
TOTAL	32,132	19,034	3,147

Participation in the labor force for the 19 to 44 year old group within the district is 59.2%.

Potential of the Labor Force 1967 - 1972

<u>POPULATION GROUP</u>	<u>ENTERING LABOR FORCE</u>
Male	4,269
Female	2,380
TOTAL	6,649

Industrial Characteristics

There are a total of 17 companies in the district employing between 100 and 499 employees; 5 between 499 and 999; and 3 in excess of 1,000. This is further broken down as follows:

<u>COUNTY</u>	<u>NO. OF COMPANIES BY EMPLOYMENT LEVEL</u>		
	<u>100-499</u>	<u>499-999</u>	<u>1000 & Over</u>
Chester	10	4	-
Fairfield	3	-	1
Lancaster	4	1	2
TOTAL	17	5	3

Primary employers include Springs Mills, J. P. Stevens, Chester Sportswear, Manetta Mills, U. S. Rubber Company, and A. O. Smith Co.

Representative products produced include textile mill products, apparel, electrical equipment, synthetic fibers, food products, and textile machinery.

Significant Remarks

A Technical Education Center is located at Lancaster.

INDUSTRIAL DEVELOPMENT DISTRICT - EIGHT



INDUSTRIAL DEVELOPMENT DISTRICT - EIGHT

General Social and Economic Characteristics

This Industrial Development District is composed of the counties of Abbeville, Greenwood, Laurens, and Newberry. The district is located in the lower piedmont region of the state. It has a population (1960) of 142,788 residing within the 2,202 square mile area. This is a density of population of 64.8 persons per square mile. The population mix is composed of 68.8% white and 31.2% non-white.

For purposes of industrial development, the primary communities offering the necessary livability factors include:

<u>COMMUNITY</u>	<u>POPULATION (1960)</u>
Abbeville	5,436
Clinton	7,937
Greenwood	16,644
Laurens	9,958
Newberry	8,208
Whitmire	2,663

Within the district, the projected median school years completed for the population is 9.4 years. Income distribution within the district is as follows:

<u>INCOME LEVEL</u>	<u>PERCENTAGE OF FAMILIES</u>
\$ 0 - \$3,999	49.4%
\$4,000 - \$6,999	29.8%
\$7,000 & Over	20.8%

.....

Labor Availability (Age 19 to 44 Year Olds Within District)

<u>POPULATION GROUP</u>	<u>TOTAL POPULATION</u>	<u>LABOR FORCE</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	24,993	18,091	2,147
Female	26,259	11,714	3,728
TOTAL	51,252	29,805	5,875

Participation in the labor force for the 19 to 44 year old group within the district is 58.2%.

Potential of the Labor Force 1967 - 1972

<u>POPULATION GROUP</u>	<u>ENTERING LABOR FORCE</u>
Male	5,878
Female	<u>3,464</u>
TOTAL	9,342

.....
Industrial Characteristics

There are a total of 49 companies in the district employing between 100 and 499 employees; 14 between 499 and 999; and 6 in excess of 1,000. This is further broken down as follows:

<u>COUNTY</u>	<u>NO. OF COMPANIES BY EMPLOYMENT LEVEL</u>		
	<u>100-499</u>	<u>499-999</u>	<u>1,000 & Over</u>
Abbeville	9	1	2
Greenwood	20	5	2
Laurens	14	4	2
Newberry	<u>6</u>	<u>4</u>	<u>-</u>
TOTALS	49	14	6

Primary employers include Deering-Milliken, Burlington Industries, Higgins Garment Co., Abney Mills, Chemstrand, Parke Davis & Company, Roberts Company, Greenwood Mills, Torrington Company, Laurens Glass, Inc., J. P. Stevens, & Co., The Kendall Co., Consolidated Foods, and Shakespear Company.

Representative products produced include textile mill products, apparel, synthetic fibers, food products, pharmaceutical supplies, textile machinery, roller bearings, glass containers, and fiberglass products,

.....
Significant Remarks

A detailed labor availability and livability study for a 30 mile radius of Newberry has been conducted.

NEWBERRY, SOUTH CAROLINA

30 MILE RADIUS

LABOR DRAW AREA



LEGEND

- ◆ PLANTS EMPLOYING 500 - 999
- PLANTS EMPLOYING OVER 1000
- ★ TECHNICAL EDUCATION CENTER

ALL LOCATIONS APPROXIMATE

DATE PREPARED
JULY, 1966

NEWBERRY, SOUTH CAROLINA
LABOR AVAILABILITY DATA
30 MILE RADIUS

Present Labor Availability - (Age 19 to 44 Year Olds)

<u>GROUP</u>	<u>TOTAL 19-44 POPULATION</u>	<u>NUMBER IN LABOR FORCE</u>	<u>NUMBER EMPLOYED</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	26,453	18,375	17,667	2,336
Female	<u>25,889</u>	<u>11,195</u>	<u>10,396</u>	<u>3,926</u>
TOTAL	52,342	29,570	28,063	6,262

There are 2,167 high school graduates in the recruitable and trainable group.

Labor force participation rate for the 19 to 44 year old is 56.4%.

Five Year Potential Labor Availability - (Persons reaching age 19 and entering the labor force)

<u>GROUP</u>	<u>TOTAL NUMBERS</u>	<u>H. S. GRADUATES IN TOTAL</u>
Male	5,820	1,513
Female	<u>4,011</u>	<u>1,403</u>
TOTAL	9,831	2,916

.....
INDUSTRIAL CHARACTERISTICS

1. There are 28 plants employing between 100 and 499 employees; 12 between 500 and 999; and 5 in excess of 1,000 employees.
2. Primary employers include J. P. Stevens, the Kendall Co., Newberry Mills, Joanna Cotton Mills, United Merchants, Chemstrand, U. S. Rubber Co., Allied Chemical, General Electric, Greenwood Mills, Burlington Industries, and Cone Mills.
3. Representative products include textile mill products, fiber glass products, glass containers, apparel, packaging materials, synthetic fibers, and capacitors.

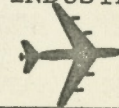
.....
SIGNIFICANT REMARKS

1. Newberry is located just off Interstate 26 with excellent secondary highways for labor draw purposes.
2. Technical Education Center and the University of South Carolina are located in Columbia, (40 minutes drive).

UPPER CENTRAL REGION



NUMBERS INDICATE
INDUSTRIAL DISTRICT



MAJOR AIR
FACILITY

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UPPER CENTRAL REGION
INDUSTRIAL DEVELOPMENT ANALYSIS

General Social and Economic Characteristics

This region is composed of the following counties:

<u>INDUSTRIAL DISTRICT 4</u>	<u>INDUSTRIAL DISTRICT 5</u>	<u>INDUSTRIAL DISTRICT 11</u>
Chesterfield	Kershaw	Lexington
Darlington	Richland	Saluda
Marlboro		Edgefield
Dillon		McCormick

These counties lie in the upper central portion of the state with industrial district 4 bordering North Carolina on the northeast and industrial district 11 bordering Georgia on the southwest. The area varies from truck farming in the east to the location of the state capitol in Columbia and its industrial and educational characteristics in the central, to light industrialization and terrain similar to the piedmont area in the western portion.

A total of 479,089 persons reside in the region (1960 Census) within a total land area of 5,762 square miles. Population density ranges from 49.8 persons per square mile in the western portion to 152.3 persons per square mile in the central portion which includes the urban area of Columbia. The average for the region would be approximately 89.9 persons per square mile. The population mix varies from approximately 70% to 56% white with an average, taking the region as a whole, of approximately 64%.

The primary communities within the region offering basic facilities and livability factors grouped by population categories (1960 Census) would include:

<u>50,000 to 100,000</u>	<u>5,000 to 10,000</u>	<u>Under 5,000</u>
Columbia	Bennettsville	Batesburg
	Cheraw	Edgefield
	Darlington	Saluda
	Dillon	Pageland
	Hartsville	McCormick
	Camden	Saluda

Income distribution within the region is a reflection of labor availability. The greater the percentage of the population with family incomes less than \$3,999, the less industrialization there is within the area. The distribution of incomes in the region is as follows:

	Chesterfield	Kershaw	Saluda
	Darlington	Richland	Lexington
	Marlboro		Edgefield
	<u>Dillon</u>	<u> </u>	<u>McCormick</u>
Less than \$3,999	63.4%	46.5%	57.3%

The central portion including Richland and Kershaw counties has fewer people making less than \$3,999 than the state average. The other districts, however, run considerably above the state average indicating a lack of employment opportunities in these two districts. It could be assumed that persons making less than this figure are not participating in manufacturing operations, are under employed, or are un-employed. Reviewing income and earnings is not complete without reviewing the labor force participation rate (ages 19 to 44) for a given area. Labor force participation includes persons who are employed, who have been employes, or who are now actively seeking employment if such were available. The table below compares the upper central region to state and national labor participation rates:

LABOR FORCE PARTICIPATION
(19 to 44 Year Olds)

	<u>OVERALL</u>	<u>MALE</u>	<u>FEMALE</u>
Upper Central	58.7%	75.3%	40.3%
State	57.2%	75.7%	38.4%
National	66.1%	86.6%	45.6%

This region approximates the state labor force participation rates, but falls under, as does the state, national averages. Female participation is somewhat higher in this area due to a concentration of apparel industries. Due to the low income in the area, apparel operations have found female employment attractive in this area.

Overall the participation rate for the region could be considered average for the state. This is due primarily to manufacturing located basically in Richland and Kershaw counties. The other counties included in this would fall considerably below the state average participation rate.

Labor Availability (Ages 19 to 44 Years Old)

The following table is an estimate of labor availability within the region. For location purposes, a detailed study should be made within a 30 mile radius of the selected site area.

<u>POPULATION GROUP</u>	<u>TOTAL POPULATION</u>	<u>LABOR FORCE</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	97,741	73,640	5,902
Female	88,396	35,753	12,522
Total	186,137	109,393	18,424

The recruitable and trainable estimates are based upon present labor force participation rates, income levels, and job opportunities in present industry to meet replacement and expansion needs in projected industrial growth. If overall present labor force participation rates in the region were higher, the recruitable and trainable number would be greater.

The potential entrance into the labor force for the region during the next five years will be 30,378 persons. These are persons who will reach age 19 and enter during 1967 - 1972. This figure has been corrected for persons who will enter college, the military, and females who will marry and begin families. Broken down by male and female, it includes 20,189 males and 10,189 females. This figure indicates that even with present labor force participation rates, approximately 6,070 persons will seek employment annually in the region.

Industrial Characteristics

There are 7 plants in the region employing in excess of 1,000 persons; 23 between 500 and 1,000; and 84 between 100 and 500. Significant plants in the areas within the region include:

<u>COMPANY</u>	<u>LOCATION</u>	<u>NO. OF EMPLOYEES</u>
General Instruments Corporation	Darlington	1,033
DuPont Company	Camden	1,000
DuPont Company	Camden	1,770
Lowenstein & Sons, Inc.	Columbia	*
Allied Chemical Corporation	Irmo	Over 1,000
Sonoco Products Company	Hartsville	Over 1,000
J. P. Stevens & Company	Wallace	Over 1,000

* Two locations in Columbia, largest of which employs over 1,000.

In comparing the upper central region with the state in terms of employment patterns the table below helps to identify the employment opportunities within the area:

<u>OCCUPATIONAL FIELDS</u>	<u>PERCENTAGE OF LABOR FORCE</u>	
	<u>UPPER CENTRAL</u>	<u>STATE</u>
Manufacturing	46.0%	42.9%
Contract Construction	8.2%	6.3%
Communications, Transportation and Utilities	6.5%	4.1%
Wholesale and Retail Trade	25.2%	16.7%
Finance and Insurance	5.9%	3.4%
Services	8.2%	10.1%

The table above identifies the significance of the state capital in the middle of the region with services, retail trade, and finance and insurance playing a larger role in that area than they do in the state. This, plus lack of manufacturing on the edges of the region, reduces the significance of employment in manufacturing considerably below the state level.

Potential Industrial Development Opportunities

One means to identify the direction of industrial development efforts

within a region is the "basic worker concept". This concept assumes:

1. That the manufacturing employment distribution on a National level is ideal in terms of the distribution of income - outgoing and incoming. This is a relationship in which the number of workers who bring income into the area is equal to the number of workers who distribute income out of the area in terms of goods produced through their efforts.
2. Using national distribution compared to the region distribution, opportunities which indicate a greater incoming of income are those opportunities which offer the greater industrial development opportunities for the region.

With this concept in mind, it appears that for industrial development purposes, the following would indicate how the state compares with the national average in basic or income producing workers:

<u>BELOW AVERAGE</u>	<u>AVERAGE</u>	<u>ABOVE AVERAGE</u>
Food	Stone, Clay, and Glass	Textile Mill Products
Electrical Machinery	Printing	Apparel
Non-Elec. Machinery		Lumber and Wood
Tobacco		Paper and Allied
Transportation Equip.		Chemicals
Primary Metals		Fabricated Metals
Leather		Instruments

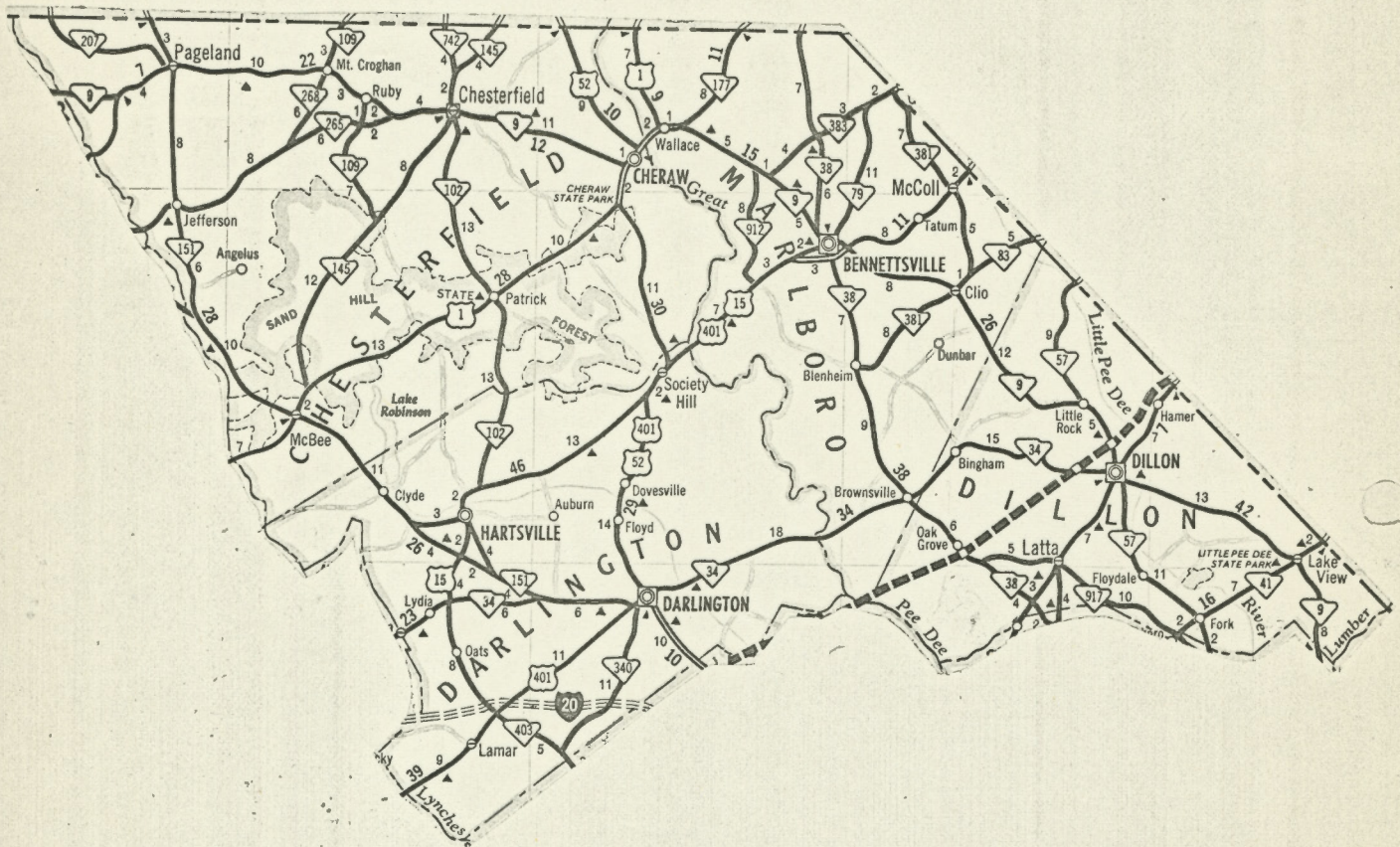
This concept does not take into consideration geographic location in terms of marketing, availability of materials, or labor requirements, but it simply reflects the economic considerations of the region's industrial base as related to total industrial development.

Significant Remarks

1. A Technical Education Center is located between Darlington and Florence, in the immediate proximity of District 4.

2. A Technical Education Center is located in Columbia in approximately the middle of the region in District 5.
3. A detailed labor availability and livability study has been conducted for a 30 mile radius of both towns of Mt. Croghan and Dillon.
4. A detailed labor availability study and livability study has been conducted for a 30 mile radius of Columbia.

INDUSTRIAL DEVELOPMENT DISTRICT - FOUR



INDUSTRIAL DEVELOPMENT DISTRICT - FOUR

General Social and Economic Characteristics

This Industrial Development District is composed of the counties of Chesterfield, Darlington, Dillon, and Marlboro. The district is located in the upper central region of the state. It has a population (1960) of 145,758 residing within the 2,227 square mile area. This is a density of population of 65.4 persons per square mile. The population mix is composed of 55.9% white and 44.1% non-white.

For purposes of industrial development, the primary communities offering the necessary livability factors include:

<u>COMMUNITY</u>	<u>POPULATION (1960)</u>
Bennettsville	6,963
Cheraw	5,171
Chesterfield	1,532
Darlington	6,710
Dillon	6,173
Hartsville	6,392
Pageland	2,020

Within the district, the projected median school years completed for the population is 8.6 years. Income distribution within the district is as follows: @

<u>INCOME LEVEL</u>	<u>PERCENTAGE OF FAMILIES</u>
\$ 0 - \$3,999	63.4%
\$4,000 - \$6,999	23.4%
\$7,000 & Over	13.2%

.....
Labor Availability (Age 19 to 44 Year Olds Within District)

<u>POPULATION GROUP</u>	<u>TOTAL POPULATION</u>	<u>LABOR FORCE</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	24,474	17,721	15,594
Female	26,549	11,115	3,445
TOTAL	51,023	28,836	5,039

Participation in the labor force for the 19 to 44 year old group within the district is 56.5%.

Potential of the Labor Force 1967 - 1972

<u>POPULATION GROUP</u>	<u>ENTERING LABOR FORCE</u>
Male	6,752
Female	<u>3,284</u>
TOTAL	10,036

.....
Industrial Characteristics

There are a total of 32 companies in the district employing between 100 and 499 employees; 8 between 499 and 999; and 3 in excess of 1,000. This is further broken down as follows:

<u>COUNTY</u>	<u>NO. OF COMPANIES BY EMPLOYMENT LEVEL</u>		
	<u>100-499</u>	<u>499-999</u>	<u>1,000 & Over</u>
Chesterfield	14	1	-
Darlington	6	3	2
Dillon	5	1	-
Marlboro	<u>7</u>	<u>3</u>	<u>1</u>
TOTALS	32	8	3

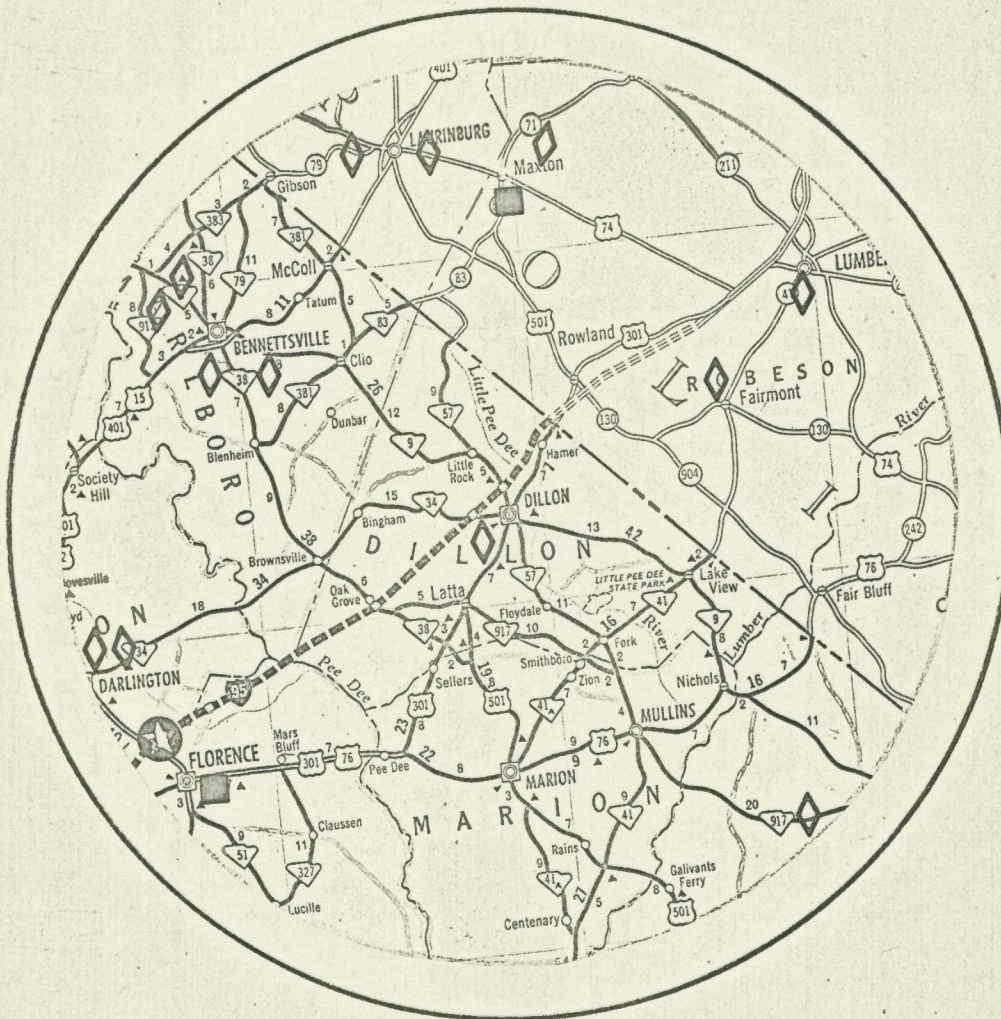
Primary employers include Burlington Industries, Fafnir-Ina, Sacony Mfg. Company, American Can Company, General Instruments Company, Perfection American Company, Pacolet Industries, Sonoco Industries, Mohasco Industries, Emerson Electric Company, Firestone Company, B.V.D. Corp., and J. P. Stevens & Company.

Representative products produced include glass fabrics, needle roller bearings, apparel, paper products, capacitors, automotive gears, textile mill products, chemicals, carpeting, electrical appliances, and wood products.

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Significant Remarks

A Technical Education Center is located between Darlington and Florence close to the Florence-Darlington County line. A detailed labor availability and livability study has been conducted for a 30 mile radius of both towns of Mt. Croghan and Dillon.

DILLON, SOUTH CAROLINA
30 MILE RADIUS
LABOR DRAW AREA



LEGEND

- ◇ PLANTS EMPLOYING 500 - 999
- PLANTS EMPLOYING OVER 1000
- ★ TECHNICAL EDUCATION CENTER

ALL LOCATIONS APPROXIMATE

DATE PREPARED
MARCH, 1966

DILLON, SOUTH CAROLINA
LABOR AVAILABILITY DATA
30 MILE RADIUS

Present Labor Availability - (Age 19 to 44 Year Olds)

<u>GROUP</u>	<u>TOTAL 19-44 POPULATION</u>	<u>NUMBER IN LABOR FORCE</u>	<u>NUMBER EMPLOYED</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	30,581	22,233	20,315	3,129
Female	<u>33,573</u>	<u>12,545</u>	<u>11,438</u>	<u>5,413</u>
TOTAL	64,154	34,778	31,753	8,542

There are 2,136 high school graduates in the recruitable and trainable group.

Labor force participation of the 19 to 44 year old is 54.2%.

Five Year Potential Labor Availability - (Persons reaching age 19 and entering the labor force)

<u>GROUP</u>	<u>TOTAL NUMBERS</u>	<u>H. S. GRADUATES IN TOTAL</u>
Male	9,781	2,249
Female	<u>4,833</u>	<u>1,449</u>
TOTAL	14,614	3,698

INDUSTRIAL CHARACTERISTICS

1. There are 29 companies in the area employing between 100 and 499; 13 between 500 and 999; and 2 in excess of 1,000.
2. Principal industries include Mohasco, Inc., Burlington, Crown Southern, Herbert Mills, Maruel Lamp Co., J. P. Stevens, Emerson Electric, American Can, and Whitehead and Anderson.
3. Representative products include apparel, textile mill products, electric bulbs, containers, and electrical appliances.

SIGNIFICANT REMARKS

1. Technical Education Center is located at Darlington, approximately 35 miles from Dillon. The University branch at Florence is available.
2. Interstate 95 is several miles to the north of Dillon. Commuting highways offer labor draw from all directions.

PAGELAND-CHESTERFIELD, SOUTH CAROLINA
30 MILE RADIUS
LABOR DRAW AREA



LEGEND

- ◆ PLANTS EMPLOYING 500 - 999
- PLANTS EMPLOYING OVER 1000
- ★ TECHNICAL EDUCATION CENTER

ALL LOCATIONS APPROXIMATE

DATE PREPARED
MARCH, 1966

PAGELAND-CHESTERFIELD, SOUTH CAROLINA

LABOR AVAILABILITY DATA

30 MILE RADIUS

Present Labor Availability - (Age 19 to 44 Year Olds)

<u>GROUP</u>	<u>TOTAL 19-44 POPULATION</u>	<u>NUMBER IN LABOR FORCE</u>	<u>NUMBER EMPLOYED</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	20,754	15,796	14,778	2,014
Female	<u>16,749</u>	<u>6,404</u>	<u>5,825</u>	<u>2,672</u>
TOTAL	37,503	22,200	20,603	4,686

There are 1,568 high school graduates in the recruitable and trainable group.

Labor force participation for the 19 to 44 year old group is 59.1%.

Five Year Potential Labor Availability - (Persons reaching age 19 and entering the labor force)

<u>GROUP</u>	<u>TOTAL NUMBERS</u>	<u>H. S. GRADUATES IN TOTAL</u>
Male	7,969	2,072
Female	<u>4,466</u>	<u>1,563</u>
TOTAL	12,435	3,635

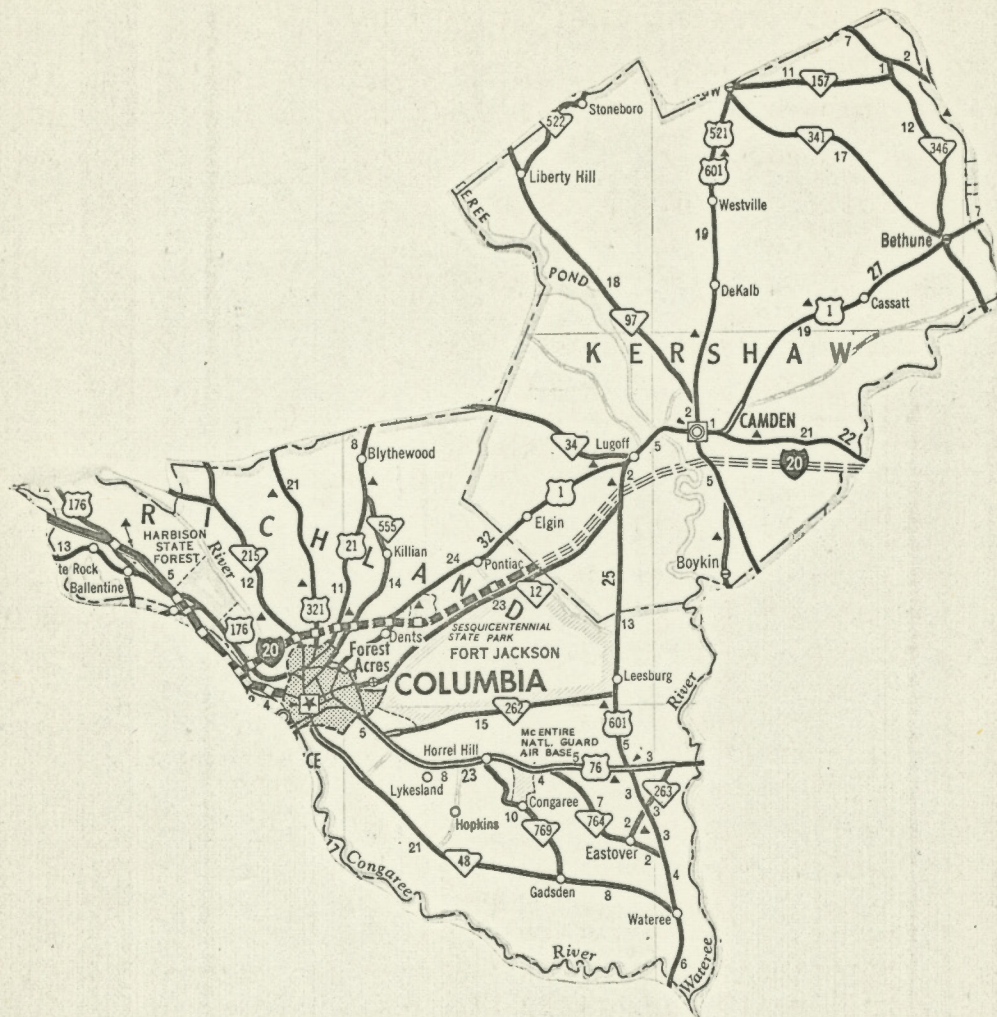
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INDUSTRIAL CHARACTERISTICS OF ARE

1. There are 46 plants employing between 100 and 499 employees; 8 between 500 and 999; and 1 in excess of 1,000.
2. Primary employers include Pageland Manufacturing, Egmont Mfg., West Knitting, Sacony Mfg., Cheraw Mills, Sonoco Products, Kendall Co., J. P. Stevens, Perfection Gear, and Springs Mills.
3. Representative products include textile mill products, apparel, machine tools, and brick products.

.....
SIGNIFICANT REMARKS

1. Technical Education Center is located at Lancaster.

INDUSTRIAL DEVELOPMENT DISTRICT - FIVE



INDUSTRIAL DEVELOPMENT DISTRICT - FIVE

General Social and Economic Characteristics

This Industrial Development District is composed of the counties of Kershaw and Richland. The district is located in the upper central region of the state. It has a population (1960) of 233,687 residing within the 1,534 square mile area. This is a density of population of 152.3 persons per square mile. The population mix is composed of 66.3% white and 33.7% non-white.

For purposes of industrial development, the primary communities offering the necessary livability factors include:

<u>COMMUNITY</u>	<u>POPULATION (1960)</u>
Camden	6,842
Columbia	97,433

Within the district, the projected median school years completed for the population is 9.8 years. Income distribution within the district is as follows: @

<u>INCOME LEVEL</u>	<u>PERCENTAGE OF FAMILIES</u>
\$ 0 - \$3,999	46.5%
\$4,000 - \$6,999	27.6%
\$7,000 & Over	25.9%

.....
Labor Availability (Age 19 to 44 Year Olds Within District)

<u>POPULATION GROUP</u>	<u>TOTAL POPULATION</u>	<u>LABOR FORCE</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	55,593	42,158	2,945
Female	43,317	16,731	5,685
TOTAL	98,910	58,889	8,630

Participation in the labor force for the 19 to 44 year old group within the district is 59.5%.

Potential of the Labor Force 1967 - 1972

<u>POPULATION GROUP</u>	<u>ENTERING LABOR FORCE</u>
Male	8,916
Female	4,434
TOTAL	13,350

.....
Industrial Characteristics

There are a total of 29 companies in the district employing between 100 and 499 employees; 8 between 499 and 999; and 3 in excess of 1,000. This is further broken down as follows:

<u>COUNTY</u>	<u>NO. OF COMPANIES BY EMPLOYMENT LEVEL</u>		
	<u>100-499</u>	<u>499-999</u>	<u>1,000 & Over</u>
Kershaw	3	3	2
Richland	26	5	1
TOTALS	29	8	3

Primary employers include Kendall Company, Elgin Watch Company, DuPont, Tic Tac Company, Capitol City Mfg. Company, Lowenstein & Company, Shakespear, Stone Mfg. Company, Southern Plastics Company, and U. S. Textiles Corp.

Representative products produced include textiles, apparel, watches, synthetic fibers, glass fiber, food products, furniture and wood products, chemicals, and metal products.

.....
Significant Remarks

A Technical Education Center is located in Columbia. Detailed labor availability and livability studies have been conducted for a 30 mile radius of Columbia and Eastover.

COLUMBIA, SOUTH CAROLINA

30 MILE RADIUS

LABOR DRAW AREA



LEGEND

- ◆ PLANTS EMPLOYING 500 - 999
- PLANTS EMPLOYING OVER 1000
- ★ TECHNICAL EDUCATION CENTER

ALL LOCATIONS APPROXIMATE

DATE PREPARED
SEPTEMBER, 1966

COLUMBIA, SOUTH CAROLINA
LABOR AVAILABILITY DATA
30 MILE RADIUS

Present Labor Availability - (Age 19 to 44 Year Olds)

<u>GROUP</u>	<u>TOTAL 19-44 POPULATION</u>	<u>NUMBER IN LABOR FORCE</u>	<u>NUMBER EMPLOYED</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	69,372	52,686	51,848	4,057
Female	<u>57,691</u>	<u>22,388</u>	<u>21,526</u>	<u>7,909</u>
TOTAL	127,063	75,074	73,374	11,966

There are 5,403 high school graduates in the recruitable and trainable group.

Labor force participation for the 19 to 44 year old is 59.1%.

Five Year Potential Labor Availability - (Persons reaching age 19
and entering the labor force)

<u>GROUP</u>	<u>TOTAL NUMBERS</u>	<u>H. S. GRADUATES IN TOTAL</u>
Male	12,253	4,620
Female	<u>6,060</u>	<u>2,841</u>
TOTAL	18,313	7,461

.....
INDUSTRIAL CHARACTERISTICS

1. There are 35 companies employing between 100 and 499; 10 with between 500 and 999; and 5 with more than 1,000 employees.
2. The primary employers include Allied Chemical, Argus Camera, Capitol City Manufacturing Co., General Electric, E. I. DuPont Co., Lowensteins, and Horseman Doll, Inc.
3. Representative products manufactured in the area include textile mill products, synthetic fibers, cameras, apparel, capacitors, and wood products.

.....
SIGNIFICANT REMARKS

1. Technical Education Center is located in Columbia. The University of South Carolina and four other colleges are located in the area.
2. Columbia is located at the junction of Interstate 20 and Interstate 26.
3. There is sufficient and desirable housing available in the Columbia area.

EASTOVER, SOUTH CAROLINA

30 MILE RADIUS

LABOR DRAW AREA



LEGEND

- ◆ PLANTS EMPLOYING 500 - 999
- PLANTS EMPLOYING OVER 1000
- ★ TECHNICAL EDUCATION CENTER

ALL LOCATIONS APPROXIMATE

DATE PREPARED
JANUARY, 1967

EASTOVER, SOUTH CAROLINA
LABOR AVAILABILITY DATA
30 MILE RADIUS

Present Labor Availability - (Age 19 to 44 Year Olds)

<u>GROUP</u>	<u>TOTAL 19-44 POPULATION</u>	<u>NUMBER IN LABOR FORCE</u>	<u>NUMBER EMPLOYED</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	79,313	60,567	59,538	4,753
Female	<u>67,962</u>	<u>24,933</u>	<u>24,114</u>	<u>9,353</u>
TOTAL	147,275	85,500	83,644	14,106

There are 5,936 high school graduates in the recruitable and trainable group.

Labor force participation for the 19 to 44 year old is 58.1%.

Five Year Potential Labor Availability - (Persons reaching age 19 and entering the labor force)

<u>GROUP</u>	<u>TOTAL NUMBERS</u>	<u>H. S. GRADUATES IN TOTAL</u>
Male	15,255	5,277
Female	<u>7,083</u>	<u>3,039</u>
TOTAL	22,338	8,316

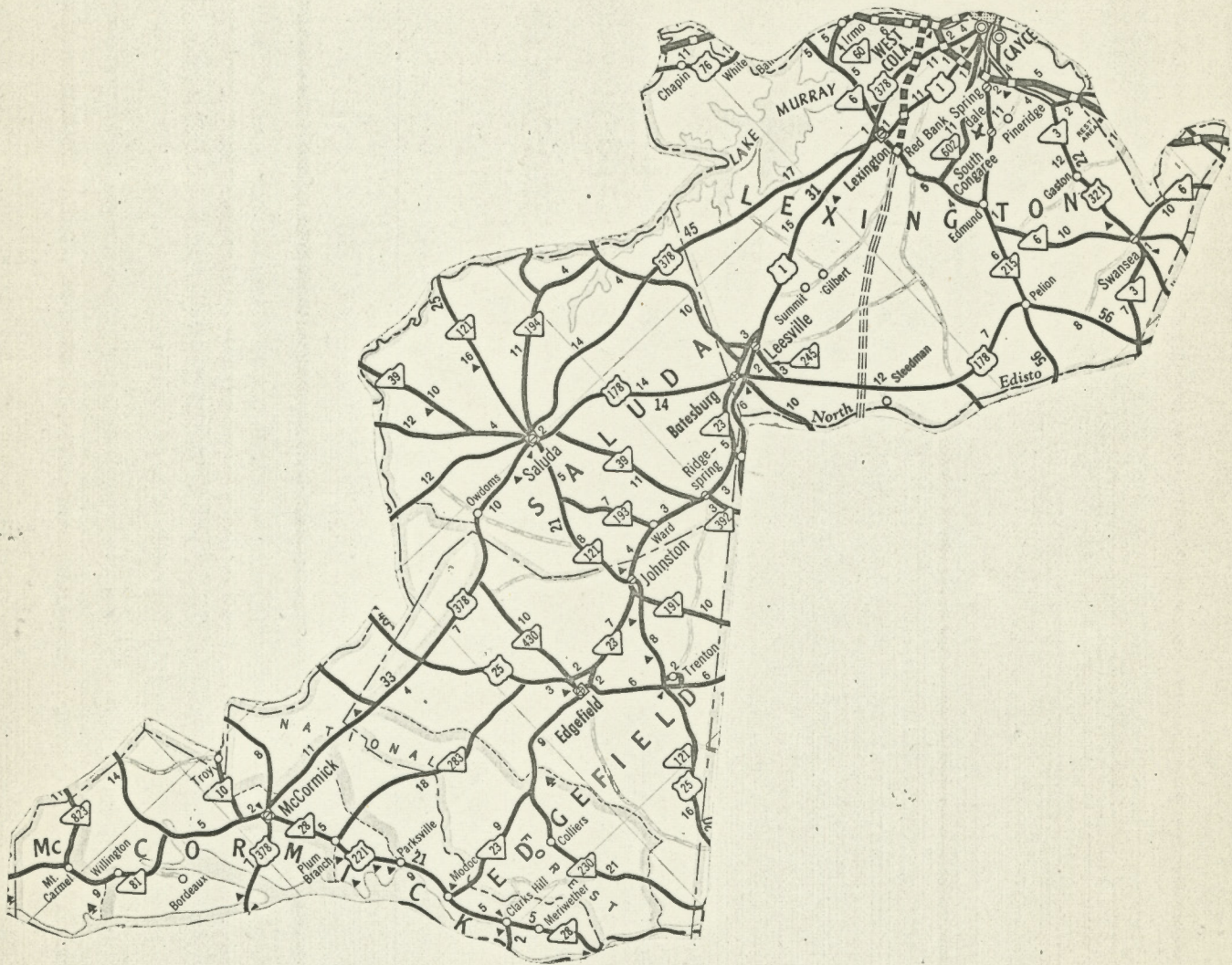
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INDUSTRIAL CHARACTERISTICS

1. There are 61 companies employing between 100 and 499 persons; 11 between 500 and 999; and 7 in excess of 1,000.
2. Principal employers include Carolina Eastman, Horseman Doll, Inc., Capital City Mfg. Co., Campbell Soup, Argus Camera, U.S. Textiles, Lowenstein, DuPont, Smith-Corona/Marchant, and the Elgin Watch Co.
3. Major products include foods, textile mill products, synthetic fibers, apparels, cameras, watches, office machinery, and wood products.

.....
SIGNIFICANT REMARKS

1. Eastover is located in the geographic center of the towns of Columbia, Camden, Sumter, and Orangeburg.
2. Sufficient and desirable housing is available within 20 miles of Eastover.
3. It is approximately 40 miles from Interstate 95 and 35 miles from Interstate 20.
4. Technical Education Centers are located at Columbia and Sumter. The area offers branches of the University of South Carolina and Clemson University.

INDUSTRIAL DEVELOPMENT DISTRICT - ELEVEN



INDUSTRIAL DEVELOPMENT DISTRICT - ELEVEN

General Social and Economic Characteristics

This Industrial Development District is composed of the counties of Edgefield, Lexington, McCormick and Saluda. The district is located in the upper central region of the state. It has a population (1960) of 99,644 residing within the 2,001 square mile area. This is a density of population of 49.8 persons per square mile. The population mix is composed of 69.6% white and 30.4% non-white.

For purposes of industrial development, the primary communities offering the necessary livability factors include:

<u>COMMUNITY</u>	<u>POPULATION (1960)</u>
Batesburg	3,806
Edgefield	2,876
McCormick	1,988
Saluda	2,089

Within the district, the projected median school years completed for the population is 9.1 years. Income distribution within the district is as follows: @

<u>INCOME LEVEL</u>	<u>PERCENTAGE OF FAMILIES</u>
\$ 0 - \$3,999	57.3%
\$4,000 - \$6,999	26.2%
\$7,000 & Over	16.5%

.....

Labor Availability (Age 19 to 44 Year Olds Within District)

<u>POPULATION GROUP</u>	<u>TOTAL POPULATION</u>	<u>LABOR FORCE</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	17,674	13,761	1,363
Female	18,530	7,907	3,392
TOTAL	36,204	21,668	4,755

Participation in the labor force for the 19 to 44 year old group within the district is 59.8%.

Potential of the Labor Force 1967 - 1972

<u>POPULATION GROUP</u>	<u>ENTERING LABOR FORCE</u>
Male	4,521
Female	<u>2,471</u>
TOTAL	6,992

.....
Industrial Characteristics

There are a total of 23 companies in the district employing between 100 and 499 employees; 7 between 499 and 999; and 1 in excess of 1,000. This is further broken down as follows:

<u>COUNTY</u>	<u>NO. OF COMPANIES BY EMPLOYMENT LEVEL</u>		
	<u>100-499</u>	<u>499-999</u>	<u>1,000 & Over</u>
Edgefield	3	1	-
Lexington	13	5	1
McCormick	1	1	-
Saluda	<u>6</u>	<u>-</u>	<u>-</u>
TOTALS	23	7	1

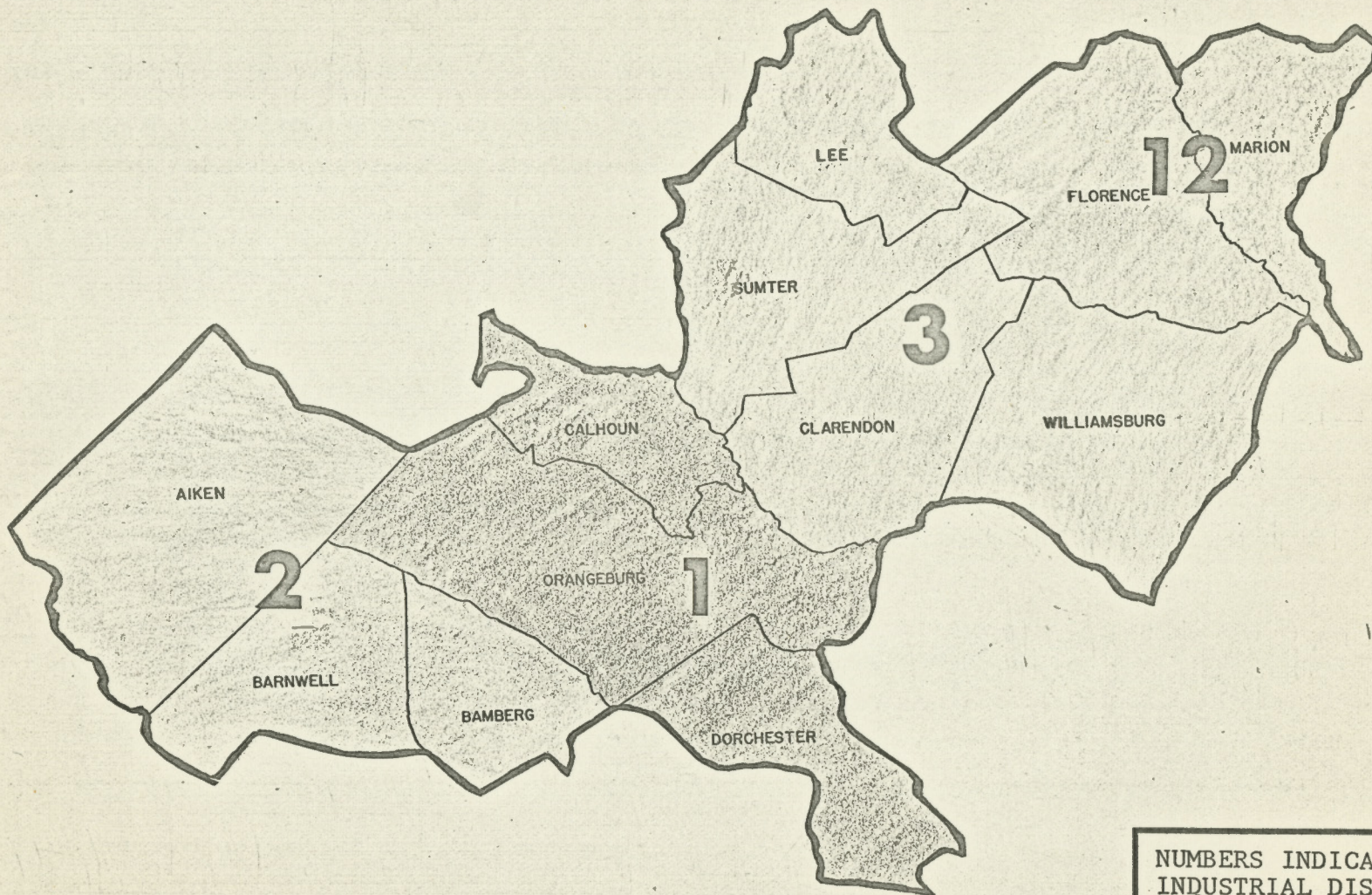
Primary employers include Federal Pacific Electric Co., Kendall Co., Deering-Milliken, Riegel Textile Corp., Carolina Eastman, Burlington Industries, Horsman Doll, Inc., Westinghouse Air Brake, General Electric, Allied Chemical, and Tampco, Inc.

Representative products produced include electrical appliances, textile products, apparel, capacitors, synthetic fibers, food products, heavy equipment, plastic products, and toys.

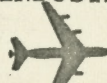
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Significant Remarks

A Technical Education Center is located at Columbia. A detailed labor availability and livability study has been conducted for a 30 mile radius of Columbia which includes part of Lexington County.

LOWER CENTRAL REGION



NUMBERS INDICATE
INDUSTRIAL DISTRICT



MAJOR AIR
FACILITY

XERO
COPY

XERO
COPY

XERO
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XERO
COPY

LOWER CENTRAL REGION
INDUSTRIAL DEVELOPMENT ANALYSIS

General Social and Economic Characteristics

This region is composed of the following counties:

<u>INDUSTRIAL</u> <u>DISTRICT 4</u>	<u>INDUSTRIAL</u> <u>DISTRICT 3</u>	<u>INDUSTRIAL</u> <u>DISTRICT 1</u>	<u>INDUSTRIAL</u> <u>DISTRICT 2</u>
Florence	Lee	Orangeburg	Aiken
Marion	Sumter	Calhoun	Barnwell
	Clarendon	Dorchester	Bamberg
	Williamsburg		

The counties contained in this region are in the lower central portion of the state and all border on counties within the state except Aiken and Barnwell which border on the state of Georgia to the southwest. The area has been traditionally engaged in agriculture ranging from tobacco and grains, in the northeast portion of the region, to truck farming in the southwest. Recently, industrialization has come in Aiken and Orangeburg counties particularly, although Florence, Sumter, Barnwell, and Marion have also attracted significant industry.

A total of 503,816 people reside in the region which contains 7,984 square miles. This gives an average density of population of 65.5 persons per square mile. Density ranges from 51.2 persons in the Orangeburg area to 90.6 persons per square mile in the Florence-Marion area. Population mix varies from 41% to approximately 67% white with an average for the region of approximately 51%.

The primary communities within the region offering basic facilities and livability factors by population group include:

<u>10,000 to 25,000</u>	<u>5,000 to 10,000</u>	<u>Under 5,000</u>
Orangeburg	Lake City	St. George
Aiken	Marion	St. Matthews
North Augusta	Mullins	Summerville
		Bamberg
		Barnwell
		Denmark
		Bishopville
		Kingstree
		Manning
		Summerton
		Williamston

Income distribution within a region is a reflection of labor availability. The greater the percentage of population with a family income of less than \$3,999, normally the less industrialization there is in the area. The distribution of income within the region is as follows:

<u>COUNTIES</u>	<u>Orangeburg</u>	<u>Aiken</u>	<u>Lee</u>	<u>Florence</u>
	<u>Calhoun</u>	<u>Barnwell</u>	<u>Sumter</u>	<u>Marion</u>
	<u>Dorchester</u>	<u>Bamberg</u>	<u>Williamsburg</u>	
Less than \$3,999	63.5%	52.1%	67.7%	60.1%

This region falls below the state in terms of income distribution of persons making less than \$3,999. An average of those making less than this figure would be 60.8% for the region as a whole. The state shows 49% of the population with family income less than \$3,999. These figures identify a lack of industry within the region when compared to the state as a whole, even though several portions, as mentioned previously, have become industrialized recently. It would indicate that a number of persons are not participating in manufacturing occupations, are underemployed, or are unemployed.

Reviewing income and earnings is not complete without reviewing the labor force participation rates, age 19 to 44, for a given area. Labor force participation includes persons who are employed, who have been employed, or are now actively seeking employment if such were available. The following table compares the Lower Central Region to state and

national labor force participation rates.

LABOR FORCE PARTICIPATION
(19 to 44 Year Olds)

	<u>OVERALL</u>	<u>MALE</u>	<u>FEMALE</u>
Lower Central Region	53.6%	74.0%	34.1%
State	57.2%	75.7%	38.4%
National	66.1%	86.6%	45.6%

This region falls below state and national averages in overall participation. Males fall somewhat below the state and considerably below the national average participation. Factors making this area below the state is the lack of female employment opportunities, it would appear. This lack of opportunity is the principal cause the overall average falls below the state average. Recent efforts, particularly in Florence and Orangeburg counties, have improved female employment; however, it still falls below the averages mentioned above.

Labor Availability Ages 19 to 44 Year Olds

The following table is an estimate of labor availability within the region. For location purposes, a detailed study should be made within a 30 mile radius of a selected site area.

<u>POPULATION GROUP</u>	<u>TOTAL POPULATION</u>	<u>LABOR FORCE</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	88,650	65,664	6,635
Female	<u>92,981</u>	<u>31,715</u>	<u>14,047</u>
TOTAL	181,631	97,379	20,682

The recruitable and trainable estimates are based on present labor force participation rates, income levels, and job opportunities in present industry to meet replacement and expansion needs and projected industrial growth. If overall present labor force participation rates in the region were higher, the recruitable and trainable number would be greater. This is especially true of the females.

The potential labor force for the region during the next five years will be increased by 35,043 persons. These are persons who will reach age 19 and enter the labor force between 1967 and 1972. This figure has been corrected for persons who will enter college, military, and females who will marry and begin families. Broken down by male and female, it includes 24,111 males and 10,932 females. This figure indicates that even with the present labor force participation rates, approximately 7,000 persons will seek employment annually in the region.

Industrial Characteristics

There are 8 plants in the region employing over 1,000; 12 between 500 and 1,000; and 92 between 100 and 500. Of note is the lack of plants employing between 500 and 1,000. Significant plants in terms of employment within the region include:

<u>COMPANY</u>	<u>LOCATION</u>	<u>NO. OF EMPLOYEES</u>
Smith-Corona/Marchant	Orangeburg	1,500
DuPont Company	Aiken	6,250
Owens-Corning Fiberglas	Aiken	1,316
United Merchants & Mfr.	Clearwater	1,200
Graniteville Co.	Graniteville	*
Electro-Motive Co.	Florence	1,575
Wentworth Mfg. Co.	Florence	1,000
Campbell Soup Co.	Sumter	1,500
Williams Furniture	Sumter	Over 1,000

* Although individual locations run generally less than 500, the Graniteville Company maintains 8 plants in the immediate vicinity of Graniteville.

In comparing the Lower Central Region with the state in terms of employment patterns, the table below helps to identify the employment opportunities within the area:

<u>OCCUPATIONAL FIELDS</u>	<u>PERCENTAGE OF LABOR FORCE LOWER CENTRAL</u>	<u>STATE</u>
Manufacturing	58.7%	42.9%
Contract Construction	5.8%	6.3%

<u>OCCUPATIONAL FIELDS (contd)</u>	<u>PERCENTAGE OF LABOR FORCE</u>	
	<u>LOWER CENTRAL</u>	<u>STATE</u>
Communications, Transportation, and Utilities	4.3%	4.1%
Wholesale Trade and Retail Trade	21.8%	16.7%
Finance and Insurance	3.1%	3.4%
Services	6.4%	10.1%

The above table indicates that the area exceeds the state in manufacturing employment. A slightly higher variation in retail trade and services is probably influenced to an extent by the city of Florence which is a retail trade center for a great portion of the eastern part of the state and tourist trade along route I26 and U.S. 301.

Potential Industrial Development Opportunities

One means to identify the direction of industrial development efforts within a region is the "basic worker concept". This concept assumes:

1. That the manufacturing employment distribution on a National level is ideal in terms of the distribution of income - outgoing and incoming. This is a relationship by which the number of workers who bring income into the area is equal to the number of workers who distribute income out of the area in terms of goods produced through their efforts.
2. Using national distribution compared to the region distribution, opportunities which indicate a greater incoming of income are those opportunities which offer the greater industrial development opportunities for the region.

With this concept in mind, the following table compares the region to national averages of basic workers or income producing workers:

BELOW
AVERAGE

Food
Non-electrical Mach.
Electrical Machinery
Primary Metals

AVERAGE

Paper and Allied
Stone, Clay & Glass
Printing

ABOVE
AVERAGE

Textile Mill Products
Apparel
Lumber and Wood
Furniture
Chemicals
Fabricated Metals

Significant Remarks

1. Detailed labor availability and livability studies have been conducted for a 30 mile radius of Augusta, Barnwell, and Florence.
2. Technical Education Centers are located in Sumter and Florence.
3. A Technical Education Center is under construction in Orangeburg and will be in operation during mid 1967.

INDUSTRIAL DEVELOPMENT DISTRICT - ONE



INDUSTRIAL DEVELOPMENT DISTRICT - ONE

General Social and Economic Characteristics

This Industrial Development District is composed of the counties of Calhoun, Orangeburg, and Dorchester. The district is located in the lower central region of the state. It has a population (1960) of 105,198 residing within the 2,051 square mile area. This is a density of population of 51.2 persons per square mile. The population mix is composed of 41.7% white and 58.3% non-white.

For purposes of industrial development, the primary communities offering the necessary livability factors include:

<u>COMMUNITY</u>	<u>POPULATION (1960)</u>
Orangeburg	13,852
St. George	1,833
St. Matthews	2,433
Summerville	3,633

Within the district, the projected median school years completed for the population is 8.9 years. Income distribution within the district is as follows: @

<u>INCOME LEVEL</u>	<u>PERCENTAGE OF FAMILIES</u>
\$ 0 - \$3,999	63.5%
\$4,000 - \$6,999	21.3%
\$7,000 & Over	15.2%

.....

Labor Availability (Age 19 to 44 Year Olds Within District)

<u>POPULATION GROUP</u>	<u>TOTAL POPULATION</u>	<u>LABOR FORCE</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	17,963	13,145	1,340
Female	18,539	6,634	2,584
TOTAL	36,502	19,779	3,924

Participation in the labor force for the 19 to 44 year old group within the district is 54.2%.

Potential of the Labor Force 1967 - 1972

<u>POPULATION GROUP</u>	<u>ENTERING LABOR FORCE</u>
Male	5,093
Female	2,352
TOTAL	7,445

.....

Industrial Characteristics

There are a total of 19 companies in the district employing between 100 and 499 employees; 3 between 499 and 999; and 1 in excess of 1,000. This is further broken down as follows:

<u>COUNTY</u>	<u>NO. OF COMPANIES BY EMPLOYMENT LEVEL</u>		
	<u>100-499</u>	<u>499-999</u>	<u>1,000 & Over</u>
Calhoun	1	1	-
Dorchester	4	-	-
Orangeburg	14	2	1
TOTALS	19	3	1

Primary employers include Monsanto Chemical Co., Ethyl Corporation, Hy-Grade Food Products, Kelsey Hayes Co., S. C. M., Inc., U. S. Plywood Corporation, and Carolina Eastman.

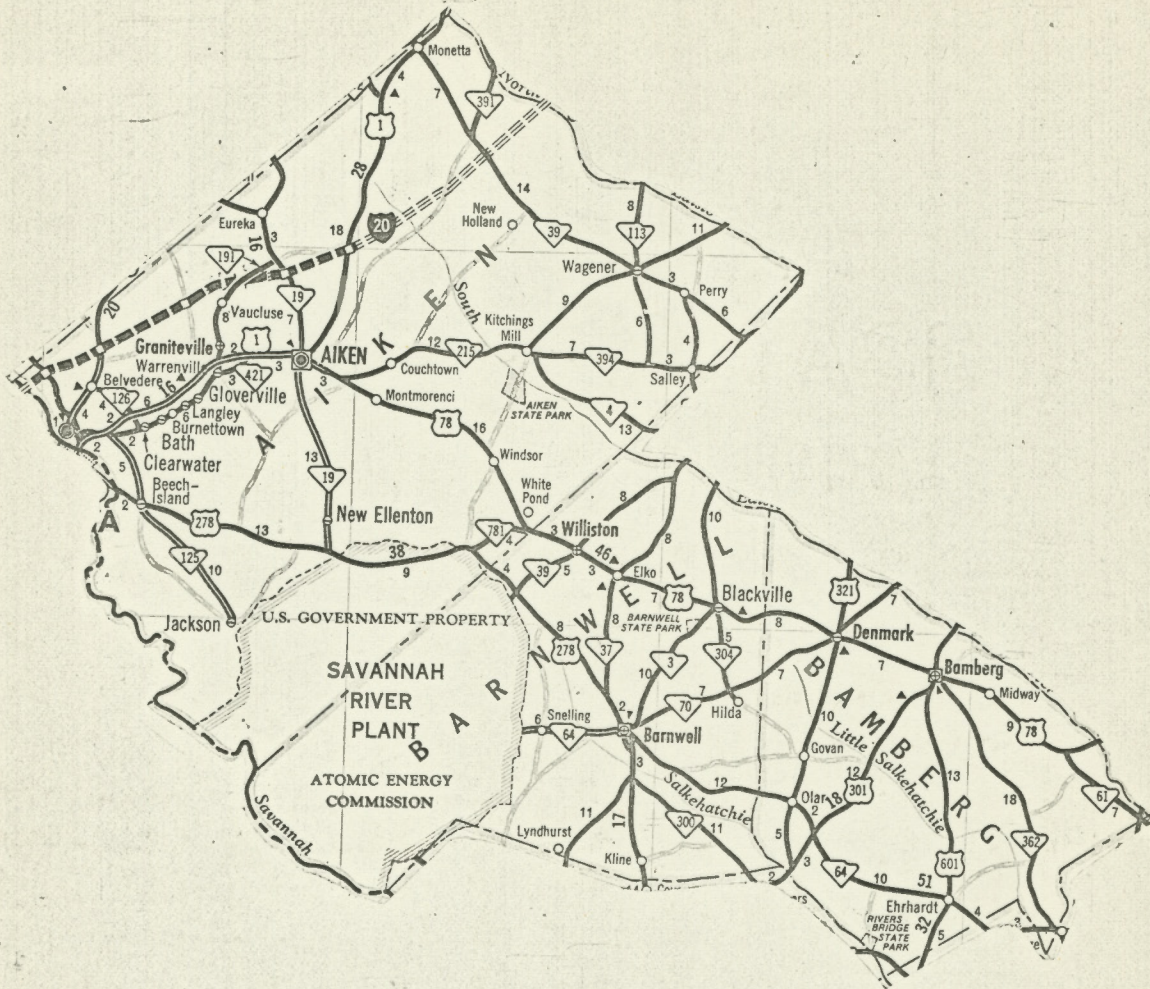
Representative products produced include textiles, chemicals, office machines, foods, metal products, wood products, apparel, synthetic fibers, and furniture.

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Significant Remarks

A Technical Education Center is being constructed in Orangeburg and will be in operation by mid 1967.

INDUSTRIAL DEVELOPMENT DISTRICT - TWO



INDUSTRIAL DEVELOPMENT DISTRICT - TWO

General Social and Economic Characteristics

This Industrial Development District is composed of the counties of Aiken, Barnwell, and Bamberg. The district is located in the lower central region of the state. It has a population (1960) of 114,971 residing within the 2,045 square mile area. This is a density of population of 56.2 persons per square mile. The population mix is composed of 66.8% white and 33.2% non-white.

For purposes of industrial development, the primary communities offering the necessary livability factors include:

<u>COMMUNITY</u>	<u>POPULATION (1960)</u>
Aiken	11,243
Bamberg	3,081
Barnwell	4,563
Denmark	3,221
North Augusta	10,348
Williston	2,722

Within the district, the projected median school years completed for the population is 9.4 years. Income distribution within the district is as follows: @

<u>INCOME LEVEL</u>	<u>PERCENTAGE OF FAMILIES</u>
\$ 0 - \$3,999	52.1%
\$4,000 - \$6,999	26.0%
\$7,000 & Over	21.9%

.....

Labor Availability (Age 19 to 44 Year Olds Within District)

<u>POPULATION GROUP</u>	<u>TOTAL POPULATION</u>	<u>LABOR FORCE</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	20,186	15,541	1,722
Female	21,526	7,887	3,219
TOTAL	41,712	23,428	4,941

Participation in the labor force for the 19 to 44 year old group within the district is 56.2%.

Potential of the Labor Force 1967 - 1972

<u>POPULATION GROUP</u>	<u>ENTERING LABOR FORCE</u>
Male	5,266
Female	<u>2,429</u>
TOTAL	7,695

.....
Industrial Characteristics

There are a total of 21 companies in the district employing between 100 and 499 employees; 6 between 499 and 999; and 3 in excess of 1,000. This is further broken down as follows:

<u>COUNTY</u>	<u>NO. OF COMPANIES BY EMPLOYMENT LEVEL"</u>		
	<u>100-499</u>	<u>499-999</u>	<u>1000 & Over</u>
Aiken	11	5	3
Bamberg	5	-	-
Barnwell	<u>5</u>	<u>1</u>	<u>0</u>
TOTAL	21	6	3

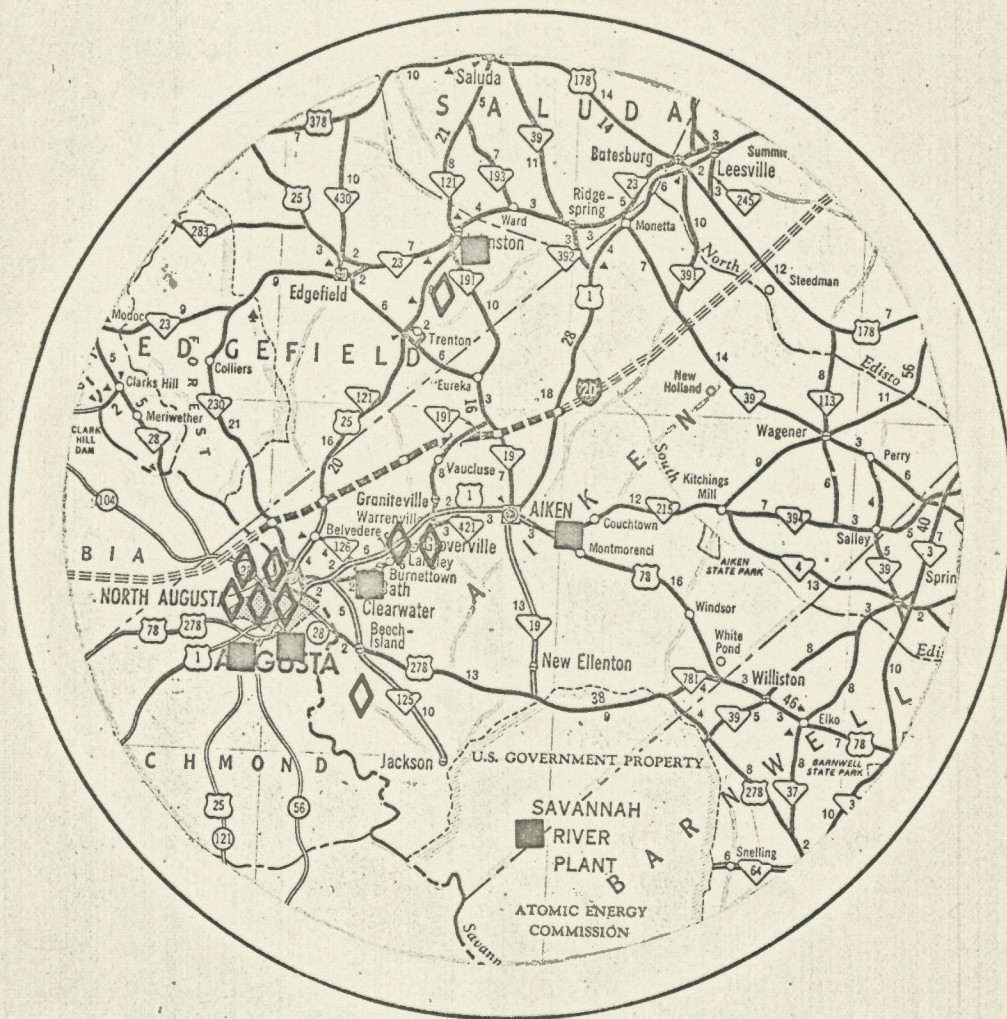
Primary employers include DuPont, Owens-Corning, United Merchants, Kimberly-Clark, Graniteville Company, Wagener Manufacturing Co., Pyle-National Co., Sunbeam Corporation, Deering-Milliken, Shuron Optical Company, and Revco, Inc.

Representative products produced include textiles both cotton and woolens, nuclear power materials, fiber glass, paper products, apparel, electrical appliances, and lighting fixtures.

.....
Significant Remarks

Detailed labor availability and livability studies have been conducted for a 30 mile radius of both the towns of North Augusta and Barnwell.

AIKEN/NORTH AUGUSTA, SOUTH CAROLINA
30 MILE RADIUS
LABOR DRAW AREA



LEGEND

- ◆ PLANTS EMPLOYING 500 - 999
- PLANTS EMPLOYING OVER 1000
- ★ TECHNICAL EDUCATION CENTER

ALL LOCATIONS APPROXIMATE

DATE PREPARED
MAY, 1966

AIKEN/NORTH AUGUSTA, SOUTH CAROLINA

LABOR AVAILABILITY DATA

30 MILE RADIUS

Present Labor Availability - (Age 19 to 44 Year Olds)

<u>GROUP</u>	<u>TOTAL 19-44 POPULATION</u>	<u>NUMBER IN LABOR FORCE</u>	<u>NUMBER EMPLOYED</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	52,436	42,297	40,472	4,006
Female	47,373	17,478	15,667	8,044
TOTAL	99,809	59,775	56,139	12,050

There are 4,222 high school graduates in the recruitable and trainable group.

Labor force participation rate for the 19 to 44 year old is 49.8%.

Five Year Potential Labor Availability - (Persons reaching age 19 and entering the labor force)

<u>GROUP</u>	<u>TOTAL NUMBERS</u>	<u>H. S. GRADUATES IN TOTAL</u>
Male	11,281	3,778
Female	5,087	2,074
TOTAL	16,368	5,852

.....
INDUSTRIAL CHARACTERISTICS

1. There are 38 plants employing between 100 and 499; 9 between 500 and 999; and 6 in excess of 1,000.
2. Primary employers in the area include Owens-Corning, United Merchants, Graniteville Co., E. I. DuPont, Deering-Milliken, Kendall Co., King Mfg. Co., Continental Can, and Riegel Textile.
3. Principal products manufactured in the area include glass fiber, synthetic fiber, textile mill products, nuclear power products, and apparel.

.....
SIGNIFICANT REMARKS

1. A branch of the University of South Carolina is located at Aiken. Two other colleges and a medical college are located within 30 miles.
2. The Aiken-Augusta area has a large number of professional-technical personnel as residents.
3. Aiken is located approximately 8 miles from Interstate 20.

BARNWELL, SOUTH CAROLINA
30 MILE RADIUS
LABOR DRAW AREA



LEGEND

- ◆ PLANTS EMPLOYING 500 - 999
- PLANTS EMPLOYING OVER 1000
- ★ TECHNICAL EDUCATION CENTER

ALL LOCATIONS APPROXIMATE

BARNWELL, SOUTH CAROLINA
LABOR AVAILABILITY DATA
30 MILE RADIUS

Present Labor Availability - (Age 19 to 44 Year Olds)

<u>GROUP</u>	<u>TOTAL 19-44 POPULATION</u>	<u>NUMBER IN LABOR FORCE</u>	<u>NUMBER EMPLOYED</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	17,292	12,819	12,319	1,367
Female	<u>13,468</u>	<u>7,083</u>	<u>6,792</u>	<u>2,526</u>
TOTAL	35,760	19,902	19,111	3,893

There are 1,261 high school graduates in the recruitable and trainable group.

Labor force participation for the 19 to 44 year old is 55.6%.

Five Year Potential Labor Availability - (Persons reaching age 19 and entering the labor force)

<u>GROUP</u>	<u>TOTAL NUMBERS</u>	<u>H. S. GRADUATES IN TOTAL</u>
Male	4,826	1,337
Female	<u>2,403</u>	<u>799</u>
TOTAL	7,226	2,136

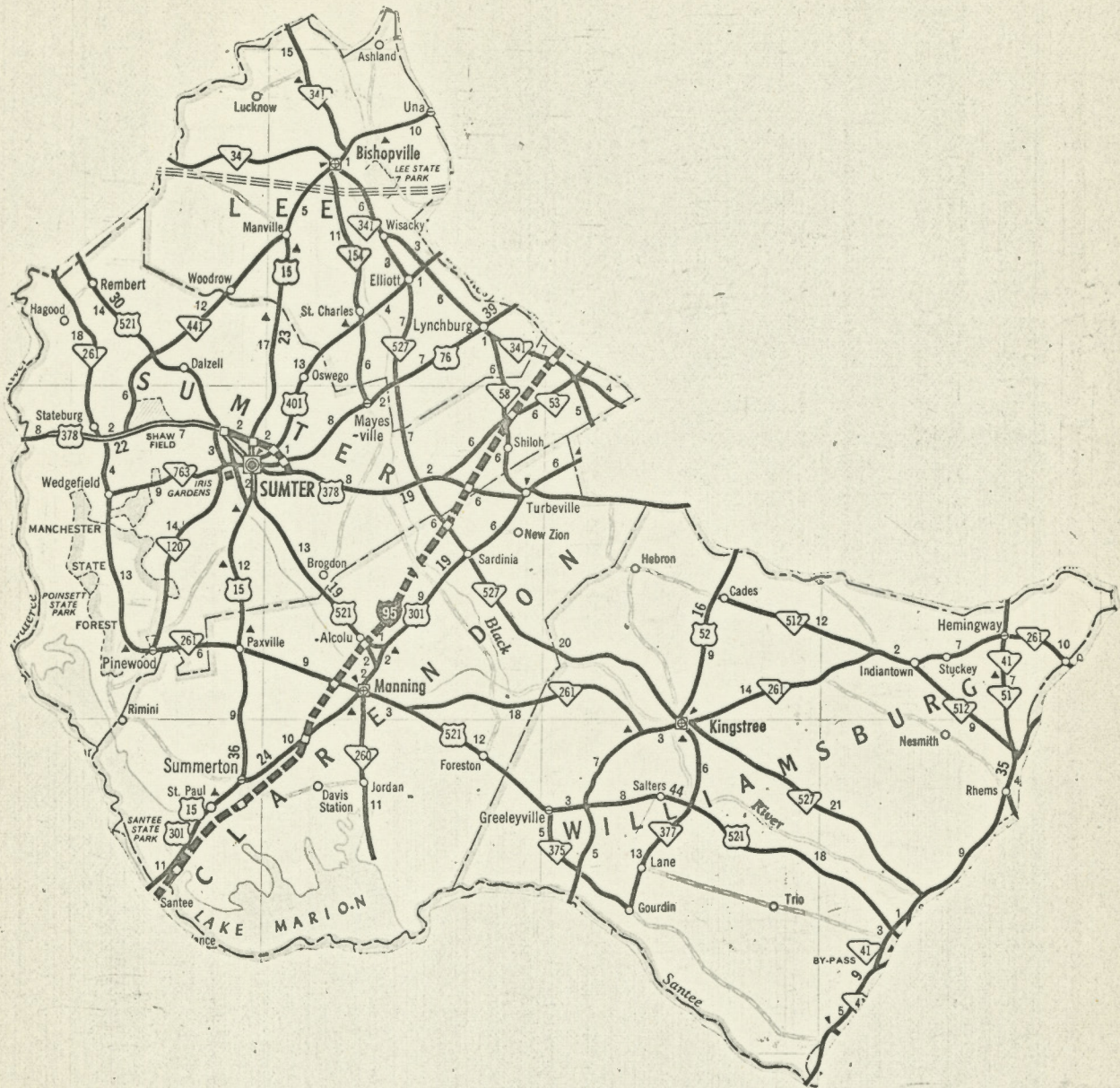
INDUSTRIAL CHARACTERISTICS

1. There are 17 companies in the area employing between 100 and 499 persons; 1 between 500 and 999; and 2 in excess of 1,000.
2. The largest employers in the area include Deering-Milliken, Sunbeam Corporation, Colonial Corp. of America, Westinghouse Corp., Wegne Mfg. Co., Shuron Optical Co., Stone Mfg. Co., and E. I. DuPont.
3. Principal products manufactured in the area include textile mill products, electrical appliances, apparel products, wood products, and micarta tubing.

SIGNIFICANT REMARKS

1. Barnwell is located approximately 35 miles from Interstate 20 and Interstate 26. Sufficient highways provide direct labor draw from all directions except southwest. This is due to the location of the Savannah River Project.
2. Technical Education Center is located at Columbia.

INDUSTRIAL DEVELOPMENT DISTRICT - THREE



INDUSTRIAL DEVELOPMENT DISTRICT - THREE

General Social and Economic Characteristics

This Industrial Development District is composed of the counties of Clarendon, Lee, Sumter, and Williamsburg. The district is located in the lower central region of the state. It has a population (1960) of 167,195 residing within the 2,603 square mile area. This is a density of population of 64.2 persons per square mile. The population mix is composed of 42.1% white and 57.9% non-white.

For purposes of industrial development, the primary communities offering the necessary livability factors include:

<u>COMMUNITY</u>	<u>POPULATION (1960)</u>
Bishopville	3,586
Kingstree	3,847
Manning	3,917
Summerton	1,504
Sumter	23,062

Within the district, the projected median school years completed for the population is 8.3 years. Income distribution within the district is as follows: @

<u>INCOME LEVEL</u>	<u>PERCENTAGE OF FAMILIES</u>
\$ 0 - \$3,999	67.7%
\$4,000 - \$6,999	20.1%
\$7,000 & Over	12.2%

.....

Labor Availability (Age 19 to 44 Year Olds Within District)

<u>POPULATION GROUP</u>	<u>TOTAL POPULATION</u>	<u>LABOR FORCE</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	30,289	22,922	2,188
Female	30,653	9,385	5,250
TOTAL	60,942	32,307	7,438

Participation in the labor force for the 19 to 44 year old group within the district is 53.1%.

Potential of the Labor Force 1967 - 1972

<u>POPULATION GROUP</u>	<u>ENTERING LABOR FORCE</u>
Male	8,406
Female	3,391
TOTAL	11,797

Industrial Characteristics

There are a total of 25 companies in the district employing between 100 and 499 employees; 0 between 499 and 999; and 2 in excess of 1,000. This is further broken down as follows:

<u>COUNTY</u>	<u>NO. OF COMPANIES BY EMPLOYMENT LEVEL</u>		
	<u>100-499</u>	<u>499-999</u>	<u>1,000 & Over</u>
Clarendon	4	-	-
Lee	3	-	-
Sumter	14	-	2
Williamsburg	4	-	-
TOTALS	25	-	2

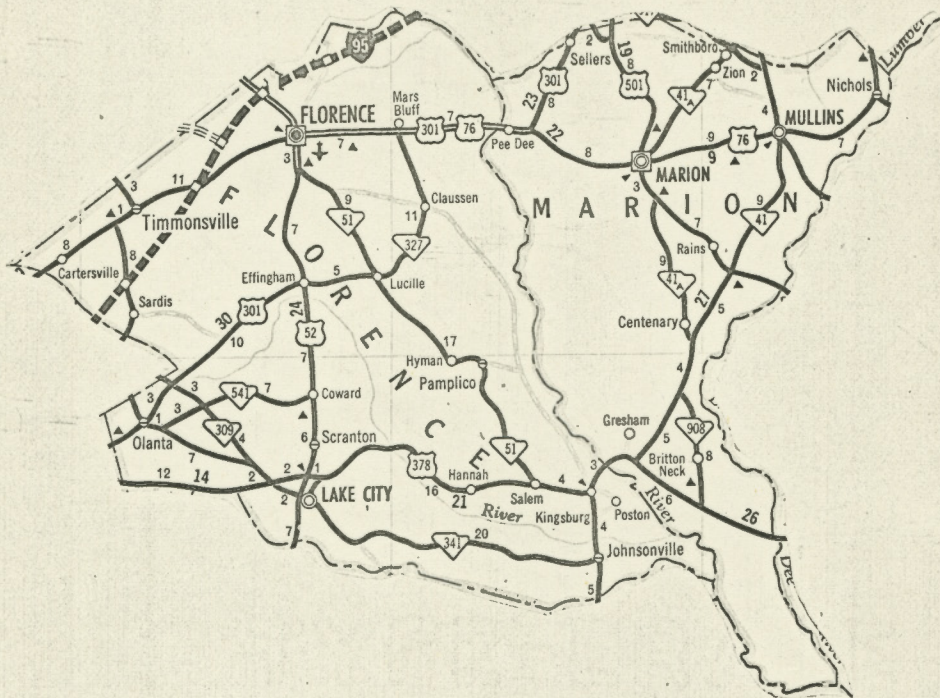
Primary employers include The Sunbeam Corporation, Reeves Brothers, Campbell Soup Company, Williams Furniture Company, Wando, Incorporated, Pioneer Dress Company, Electric Storage Battery Company, Baxter Laboratories, Deering-Milliken, and The Drexel Furniture Company.

Representative products produced include electrical appliances, apparel, textile products - both of the synthetic type and woolen, food products, furniture and wood products, pharmaceutical products, and batteries.

Significant Remarks

A Technical Education Center is located in Sumter.

INDUSTRIAL DEVELOPMENT DISTRICT - TWELVE



INDUSTRIAL DEVELOPMENT DISTRICT - TWELVE

General Social and Economic Characteristics

This Industrial Development District is composed of the counties of Florence and Marion. The district is located in the lower central region of the state. It has a population (1960) of 116,452 residing within the 1,285 square mile area. This is a density of population of 90.6 persons per square mile. The population mix is composed of 53.5% white and 46.5% non-white.

For purposes of industrial development, the primary communities offering the necessary livability factors include:

<u>COMMUNITY</u>	<u>POPULATION (1960)</u>
Florence	24,722
Lake City	6,059
Marion	7,174
Mullins	6,229

Within the district, the projected median school years completed for the population is 8.9 years. Income distribution within the district is as follows: @

<u>INCOME LEVEL</u>	<u>PERCENTAGE OF FAMILIES</u>
\$ 0 - \$3,999	60.1%
\$4,000 - \$6,999	22.7%
\$7,000 & Over	17.2%

.....

Labor Availability (Age 19 to 44 Year Olds Within District)

<u>POPULATION GROUP</u>	<u>TOTAL POPULATION</u>	<u>LABOR FORCE</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	20,212	14,056	1,385
Female	22,263	7,809	2,994
TOTAL	42,475	21,865	4,379

Participation in the labor force for the 19 to 44 year old group within the district is 51.4%.

Potential of the Labor Force 1967 - 1972

<u>POPULATION GROUP</u>	<u>ENTERING LABOR FORCE</u>
Male	5,346
Female	2,760
TOTAL	8,106

.....
Industrial Characteristics

There are a total of 27 companies in the district employing between 100 and 499 employees; 4 between 499 and 999; and 2 in excess of 1,000. This is further broken down as follows:

<u>COUNTY</u>	<u>NO. OF COMPANIES BY EMPLOYMENT LEVEL</u>		
	<u>100-499</u>	<u>499-999</u>	<u>1,000 & Over</u>
Florence	17	4	2
Marion	10	-	-
TOTALS	27	4	2

Primary employers include DuPont, Electro-Motive, Inc., Florence Mfg. Company, Marlowe Mfg. Company, South Carolina Industries, Union Carbide Corp, Vulcraft Div. - Nuclear Corp., Wellman Combing Co., A. B. Dick Company, J. P. Stevens & Company, Herbert Mills, Marion Industries, Marvel Lamp Company, and Aberdeen Mfg. Corp.

Representative products produced include polyester film, electronic capacitors, apparel, furniture, paper products, metal products, food products, woolen products, textiles, electrical machinery, electric lamps, and wood products.

.....
Significant Remarks

A Technical Education Center is located at Florence. Detailed labor availability and livability studies have been conducted for a 30 mile radius of Florence, Marion-Mullins, and Pamplico.

FLORENCE, SOUTH CAROLINA

30 MILE RADIUS

LABOR DRAW AREA



LEGEND

- ◆ PLANTS EMPLOYING 500 - 999
- PLANTS EMPLOYING OVER 1000
- ★ TECHNICAL EDUCATION CENTER

ALL LOCATIONS APPROXIMATE

DATE PREPARED
MAY, 1966

FLORENCE, SOUTH CAROLINA
LABOR AVAILABILITY DATA
30 MILE RADIUS

Present Labor Availability - (Age 19 to 44 Year Olds)

<u>GROUP</u>	<u>TOTAL 19-44 POPULATION</u>	<u>NUMBER IN LABOR FORCE</u>	<u>NUMBER EMPLOYED</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	38,271	27,204	25,717	2,224
Female	41,911	15,159	14,029	5,588
TOTAL	80,182	42,363	39,746	7,812

There are 2,591 high school graduates in the recruitable and trainable group.

Labor force participation for the 19 to 44 year old is 52.8%.

Five Year Potential Labor Availability - (Persons reaching age 19 and entering the labor force)

<u>GROUP</u>	<u>TOTAL NUMBERS</u>	<u>H. S. GRADUATES IN TOTAL</u>
Male	10,583	3,284
Female	5,217	1,782
TOTAL	15,800	5,066

INDUSTRIAL CHARACTERISTICS

1. There are 39 plants employing between 100 and 499 employees; 8 between 500 and 999; and 3 in excess of 1,000 employees.
2. Significant employers include Electromotive, Wentworth Mfg. Co., American Can, Mohasco Inc., Burlington, Inc., Herbert Mills, Emerson Electric, Marvel Lamp Co., Sonoco Products, and Perfection Gear.
3. Representative products include electric capacitors, apparel, paper products, textile mill products, electric lamps, electric appliances, machine parts, and wood products.

SIGNIFICANT REMARKS

1. Technical Education Center located between Florence and Darlington. A branch of the University of South Carolina is located at Florence.
2. Interstate 20 originates at Florence and proceeds southwest across the state. Interstate 95 junctions with Interstate 20 at Florence. Excellent highway system offers labor draw from all directions.

MARION-MULLINS, SOUTH CAROLINA
30 MILE RADIUS
LABOR DRAW AREA



LEGEND

- ◆ PLANTS EMPLOYING 500 - 999
- PLANTS EMPLOYING OVER 1000
- ★ TECHNICAL EDUCATION CENTER

ALL LOCATIONS APPROXIMATE

DATE PREPARED
FEBRUARY, 1966

MARION-MULLINS, SOUTH CAROLINA

LABOR AVAILABILITY DATA

30 MILE RADIUS

Present Labor Availability - (Age 19 to 44 Year Olds)

<u>GROUP</u>	<u>TOTAL 19-44 POPULATION</u>	<u>NUMBER IN LABOR FORCE</u>	<u>NUMBER EMPLOYED</u>	<u>RECEUITABLE & TRAINABLE</u>
Male	33,790	23,209	22,260	3,187
Female	<u>36,282</u>	<u>12,718</u>	<u>11,699</u>	<u>5,525</u>
TOTAL	70,072	35,927	33,959	8,713

There are 2,091 high school graduates in the recruitable and trainable group.

labor force participation rate for the 19 to 44 year old is 50.7%.

Five Year Potential Labor Availability - (Persons reaching age 19 and entering the labor force)

<u>GROUP</u>	<u>TOTAL NUMBERS</u>	<u>H. S. GRADUATES IN TOTAL</u>
Male	8,898	2,169
Female	<u>4,387</u>	<u>1,359</u>
TOTAL	15,504	3,528

INDUSTRIAL CHARACTERISTICS

1. There are 41 companies in the area employing between 100 and 499 employees; 5 between 500 and 999; and 2 with more than 1,000 employees.
2. Largest companies in the area include Electromotive Company, Wentworth Manufacturing Co., Union Carbide, Herbert Mills, Mohasco Industries, and J. P. Stevens.
3. Primary industries include those producing textile mill products, electronic capacitors, welding equipment, electric lamps, and apparel products.

SIGNIFICANT REMARKS

1. Technical Education Center is located approximately 25 miles from the Marion-Mullins area. A branch of the University of South Carolina is also located within the 30 mile radius.
2. The center point of the 30 mile radius is located 15 miles from Interstate 95 with excellent secondary roads available for labor draw from all directions.

PAMPLICO, SOUTH CAROLINA
30 MILE RADIUS
LABOR DRAW AREA



LEGEND

- ◆ PLANTS EMPLOYING 500 - 999
- PLANTS EMPLOYING OVER 1000
- ★ TECHNICAL EDUCATION CENTER

ALL LOCATIONS APPROXIMATE

DATE PREPARED
MAY, 1966

PAMPLICO, SOUTH CAROLINA
LABOR AVAILABILITY DATA
30 MILE RADIUS

Present Labor Availability - (Age 19 to 44 Year Olds)

<u>GROUP</u>	<u>TOTAL 19-44 POPULATION</u>	<u>NUMBER IN LABOR FORCE</u>	<u>NUMBER EMPLOYED</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	33,933	23,914	22,427	3,234
Female	<u>36,841</u>	<u>13,358</u>	<u>12,497</u>	<u>5,661</u>
TOTAL	70,774	37,272	34,924	8,895

There are 2,402 high school graduates in the recruitable and trainable group.

Labor force participation for the 19 to 44 year old group is 52.6%.

Five Year Potential Labor Availability - (Persons reaching age 19 and entering the labor force)

<u>GROUP</u>	<u>TOTAL NUMBERS</u>	<u>H. S. GRADUATES IN TOTAL</u>
Male	9,264	1,945
Female	<u>4,540</u>	<u>1,407</u>
TOTAL	13,804	3,352

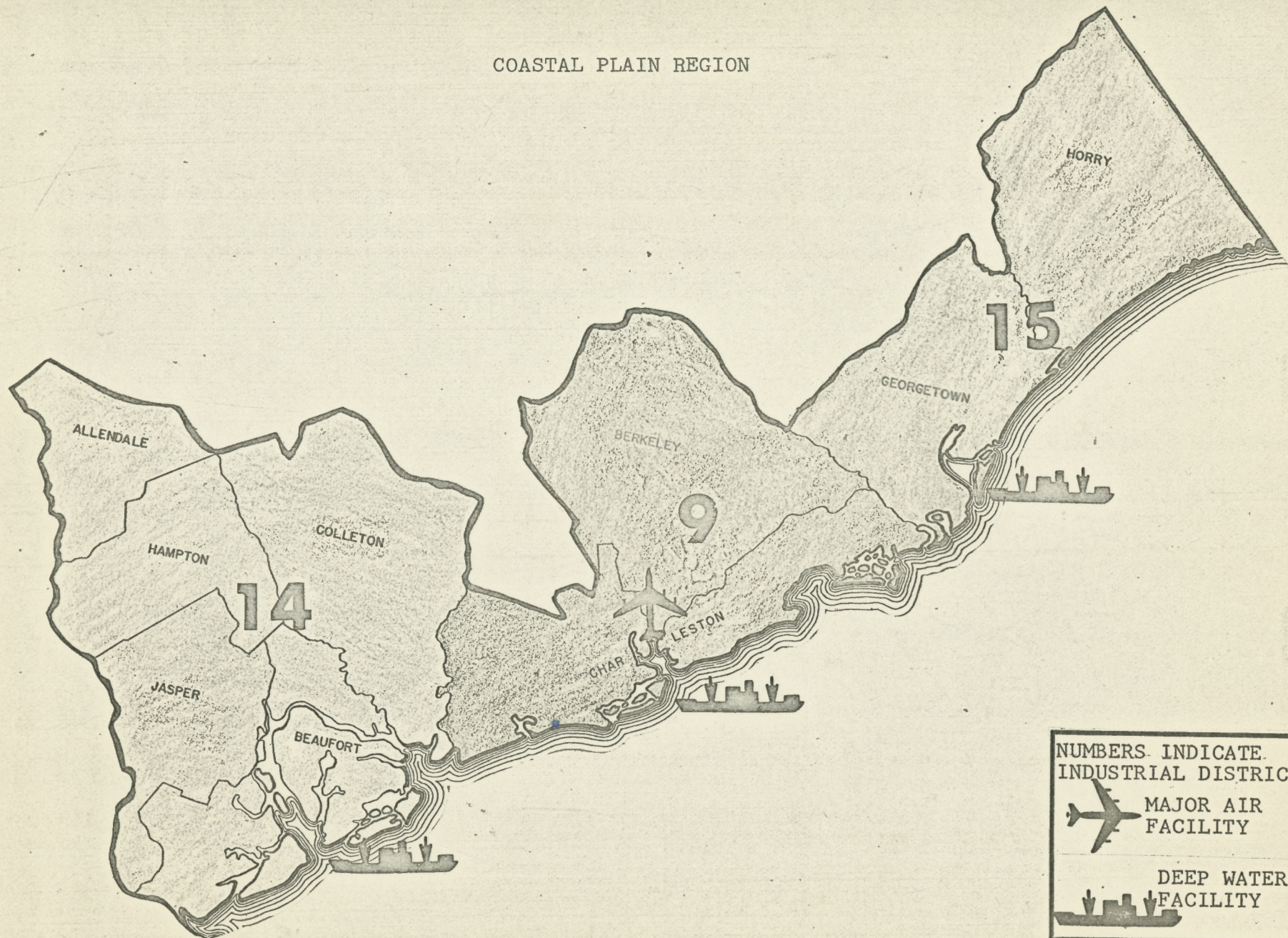
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INDUSTRIAL CHARACTERISTICS

1. There are 34 plants employing between 100 and 499 in the area; 5 between 500 and 999; and 2 in excess of 1,000.
2. Principal employers include Wentworth Mfg. Co., Wellman Combing, Electromotive Co., DuPont Company, Marion Industries, American Can, Union Carbide, Baster Laboratories, Deering-Milliken, and Marlene Industries.
3. Representative products include electrical components, apparel, textile mill products, packaging material, and pharmaceutical products.

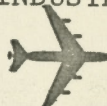
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SIGNIFICANT REMARKS


1. Technical Education Center and a branch of the University of South Carolina are located in Florence.
2. Interstate 20 and Interstate 95 are within the 30 mile area.

COASTAL PLAIN REGION



NUMBERS INDICATE
INDUSTRIAL DISTRICT

 MAJOR AIR
FACILITY

 DEEP WATER
FACILITY

COASTAL PLAINS REGION
INDUSTRIAL DEVELOPMENT ANALYSIS

General Social and Economic Characteristics

This region is composed of the following counties:

<u>COUNTY</u>	<u>INDUSTRIAL DISTRICT</u>
Berkeley	
Charleston	9
Allendale	
Beaufort	
Colleton	14
Hampton	
Jasper	
Georgetown	
Horry	15

All of these counties except Allendale, Hampton, Jasper, and Berkeley border on the Atlantic Coast. All counties have similar "low country" terrain and geography. Within this region, 470,600 persons reside. With a land area of 7,368 square miles, the density of population per square mile is 63.9 persons. This ranges from 34.5 persons per square mile in the less urban areas to 124.5 persons in the Charleston area. The population mix is composed of 59.7% white and 40.3% non-white.

The primary communities within the region offering basic facilities and livability factors include:

<u>COMMUNITY</u>	<u>POPULATION (1960)</u>
Allendale	3,114
Andrews	2,995
Beaufort	6,298
Charleston	65,925
Conway	8,563
Georgetown	12,261
Hampton	2,486

<u>COMMUNITY</u> (contd.)	<u>POPULATION</u> (1960)
Loris	1,702
Moncks Corner	2,030
Mt. Pleasant	5,116
Myrtle Beach	7,834
Ridgeland	1,192
Walterboro	5,417

Income distribution which reflects labor availability in an area for the three industrial districts in the region is as follows:

	<u>CHARLESTON</u>	<u>MYRTLE BEACH</u>	<u>ALLENDALE</u>
Less than \$3,999	48.2%	57.5%	62.4%

The above figures identify the fact that more than 50% of the population earn less than the average manufacturing hourly earnings for the State of South Carolina (\$1.92 vs. \$2.12). These income figures support the fact that approximately 45% of the region's population are not participating in the manufacturing labor force or are underemployed.

Labor force participation is listed in the following table. This table is a comparison of labor force participation for the Coastal Plains Region as compared to the state and national averages for the age group 19 to 44 years:

	<u>LABOR FORCE PARTICIPATION</u> (19 to 44 Year Olds)		
	<u>OVERALL</u>	<u>MALE</u>	<u>FEMALE</u>
Coastal Plains	55.8%	76.9%	32.7%
State	57.2%	75.7%	38.4%
National	66.1%	86.6%	45.6%

Labor force participation includes persons who are employed, who have been employed or now actively seek employment if such were available. As can be seen from the above table, the population age 19 to 44 does not participate in the labor force as actively as the national average. This is an indication that either jobs are not available which offer a competitive wage and advancement opportunities, or that companies are not doing an effective job of recruiting employees. Females do not have the opportunity for employment that females in other regions of

the state enjoy.

Labor Availability (Ages 19 to 44 Year Olds)

The following table is an estimate of labor availability within the region. For location purposes, a detailed study should be made within a 30 mile radius of a selected site area:

<u>POPULATION GROUP</u>	<u>TOTAL POPULATION</u>	<u>LABOR FORCE</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	95,765	73,675	8,791
Female	<u>87,477</u>	<u>28,623</u>	<u>13,617</u>
TOTAL	183,242	102,298	22,408

The recruitable and trainable estimates are based on present labor force participation rates, income levels and job opportunities in present industry to meet replacement and expansion needs, and projected industrial growth. If present female participation in the region were higher, then the recruitable and trainable female number would be greater.

Of particular importance to the region, is the fact that 30,098 persons will reach age 19 and enter the labor force between 1967 and 1972. This figure has been corrected for persons who will enter the military, college, and females who will marry and begin families. Broken down by male and female shows that 21,338 males and 8,760 females will seek employment. This figure indicates that with even the present labor force participation rates, approximately 6,000 persons will seek employment annually in the region.

Industrial Characteristics

There are 5 plants in the area employing in excess of 1,000 persons; 4 between 500 and 1,000; and 58 between 100 and 500. The significant employers within the region include:

<u>COMPANY</u>	<u>LOCATION</u>	<u>NO. EMPLOYEES</u>
West Virginia Paper & Pulp	Charleston	1,950
International Paper & Pulp	Georgetown	1,600
Avco Corporation	Charleston	1,400
American Tobacco	Charleston	1,200
Aerovox Corporation	Myrtle Beach	1,200

In comparing the coastal plains region with the state in terms of employment patterns, the table below helps to identify the employment opportunities within the region:

<u>OCCUPATIONAL FIELDS</u>	<u>PERCENTAGE OF LABOR FORCE</u>	
	<u>COASTAL PLAIN</u>	<u>STATE</u>
Manufacturing	36.6%	42.9%
Contract Construction	10.6%	6.3%
Communications, Transportation, and Utilities	7.5%	4.1%
Wholesale-Retail Trade	30.7%	16.7%
Finance and Insurance	4.8%	3.4%
Services	9.7%	10.1%

The table above reflects the tourism aspects of the region with 30.7% of the labor force employed in wholesale and retail trade. Manufacturing employment, which pays wages considerably above most other occupational fields, is 6% below the state employment opportunity in manufacturing occupations.

Potential Industrial Development Opportunities

One means to identify the direction of industrial development efforts within a region is the "basic worker concept". This concept assumes:

1. That the manufacturing employment distribution on a National level is ideal in terms of the distribution of income - out-going and incoming. This is a relationship in which the number of the workers who bring income into the area is equal to the number of workers who distribute income out of the area in terms of goods produced through their efforts.
2. Using national distribution compared to the region distribution, opportunities which indicate a greater incoming of income are those opportunities which offer the greater industrial development opportunities for the region.

With this concept in mind, it appears that for industrial development purposes, the following industrial development plan should be developed:

<u>INDUSTRY</u>	<u>DEGREE OF NEED</u>
Rubber and Plastics	Extremely High
Leather	Extremely High
Primary Metals	Extremely High
Instruments	Extremely High
Electrical Machinery	Very High
Machinery	Very High
Transportation Equipment	Very High
Fabricated Metals	Very High
Food Products	High
Tobacco Products	High
Textile Products	High
Chemicals and Fiber	High
Stone, Clay, & Glass	High
Apparel	Low
Lumber	Low
Paper and Allied	Low

This concept does not take into consideration geographic location in terms of marketing, availability of materials, or labor requirements, but it simply reflects the economic considerations of the region's industrial base as related to total industrial development.

Significant Remarks

1. Deep water port facilities are located at Charleston and Georgetown.
2. Technical Education Centers are located at Conway and Charleston.
3. Detailed labor availability and livability surveys are available for Conway, Charleston, and Georgetown.

INDUSTRIAL DEVELOPMENT DISTRICT - NINE



INDUSTRIAL DEVELOPMENT DISTRICT - NINE

General Social and Economic Characteristics

This Industrial Development District is composed of the counties of Berkeley and Charleston. The district is located in the coastal plains region of the state. It has a population (1960) of 254,578 residing within the 2,045 square mile area. This is a density of population of 124.5 persons per square mile. The population mix is composed of 61.5% white and 38.5% non-white.

For purposes of industrial development, the primary communities offering the necessary livability factors include:

<u>COMMUNITY</u>	<u>POPULATION (1960)</u>
Charleston	65,925
Moncks Corner	2,030
Mt. Pleasant	5,116

Within the district, the projected median school years completed for the population is 9.4 years. Income distribution within the district is as follows: @

<u>INCOME LEVEL</u>	<u>PERCENTAGE OF FAMILIES</u>
\$ 0 - \$3,999	48.2%
\$4,000 - \$6,999	27.5%
\$7,000 & Over	24.3%

.....

Labor Availability (Age 19 to 44 Year Olds Within District)

<u>POPULATION GROUP</u>	<u>TOTAL POPULATION</u>	<u>LABOR FORCE</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	51,045	38,802	5,871
Female	48,690	16,394	7,845
TOTAL	99,735	55,196	13,716

Participation in the labor force for the 19 to 44 year old group within the district is 55.3%.

Potential of the Labor Force 1967 - 1972

<u>POPULATION GROUP</u>	<u>ENTERING LABOR FORCE</u>
Male	11,474
Female	4,686
TOTAL	16,160

.....
Industrial Characteristics

There are a total of 30 companies in the district employing between 100 and 499 employees; 2 between 499 and 999; and 3 in excess of 1,000. This is further broken down as follows:

<u>COUNTY</u>	<u>NO. OF COMPANIES BY EMPLOYMENT LEVEL</u>		
	<u>100-499</u>	<u>499-999</u>	<u>1,000 & Over</u>
Charleston	27	2	3
Berkeley	3	-	-
TOTALS	30	2	3

Primary employers include Santee River Wool Combing Company, U. S. Rubber Company, Douglas Aircraft Corp., American Tobacco Company, Avco Corp., Columbia Nitrogen Corp., Raybestos-Manhattan, Inc., General Fireproofing, W. R. Grace and Company, Koppers Company, Lockheed-Georgia, West Virginia Pulp and Paper Company, Jacksonville Shipyards, and The Air Reduction Company.

Representative products produced include textiles, aircraft parts and engines, cigars, apparel, wood products, furniture, rubber products, chemicals, paper products, ship building, and food products.

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Significant Remarks

Deep water port facilities and a Technical Education Center are located in Charleston. A detailed labor availability and livability study has been conducted for a 30 mile radius of Charleston.

CHARLESTON, SOUTH CAROLINA
30 MILE RADIUS
LABOR DRAW AREA



LEGEND

- ◆ PLANTS EMPLOYING 500 - 999
- PLANTS EMPLOYING OVER 1000
- ★ TECHNICAL EDUCATION CENTER

ALL LOCATIONS APPROXIMATE

DATE PREPARED
JANUARY, 1967

CHARLESTON, SOUTH CAROLINA
LABOR AVAILABILITY DATA
30 MILE RADIUS

Present Labor Availability - (Age 19 to 44 Year Olds)

<u>GROUP</u>	<u>TOTAL 19-44 POPULATION</u>	<u>NUMBER IN LABOR FORCE</u>	<u>NUMBER EMPLOYED</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	49,631	37,746	35,627	5,633
Female	47,103	16,816	14,485	7,570
TOTAL	96,734	54,562	50,112	13,203

There are 5,870 high school graduates in the recruitable and trainable group.

Labor force participation for the 19 to 44 year old is 56.4%.

Five Year Potential Labor Availability - (Persons reaching age 19 and entering the labor force)

<u>GROUP</u>	<u>TOTAL NUMBERS</u>	<u>H. S. GRADUATES IN TOTAL</u>
Male	11,196	4,201
Female	4,571	2,123
TOTAL	15,767	6,324

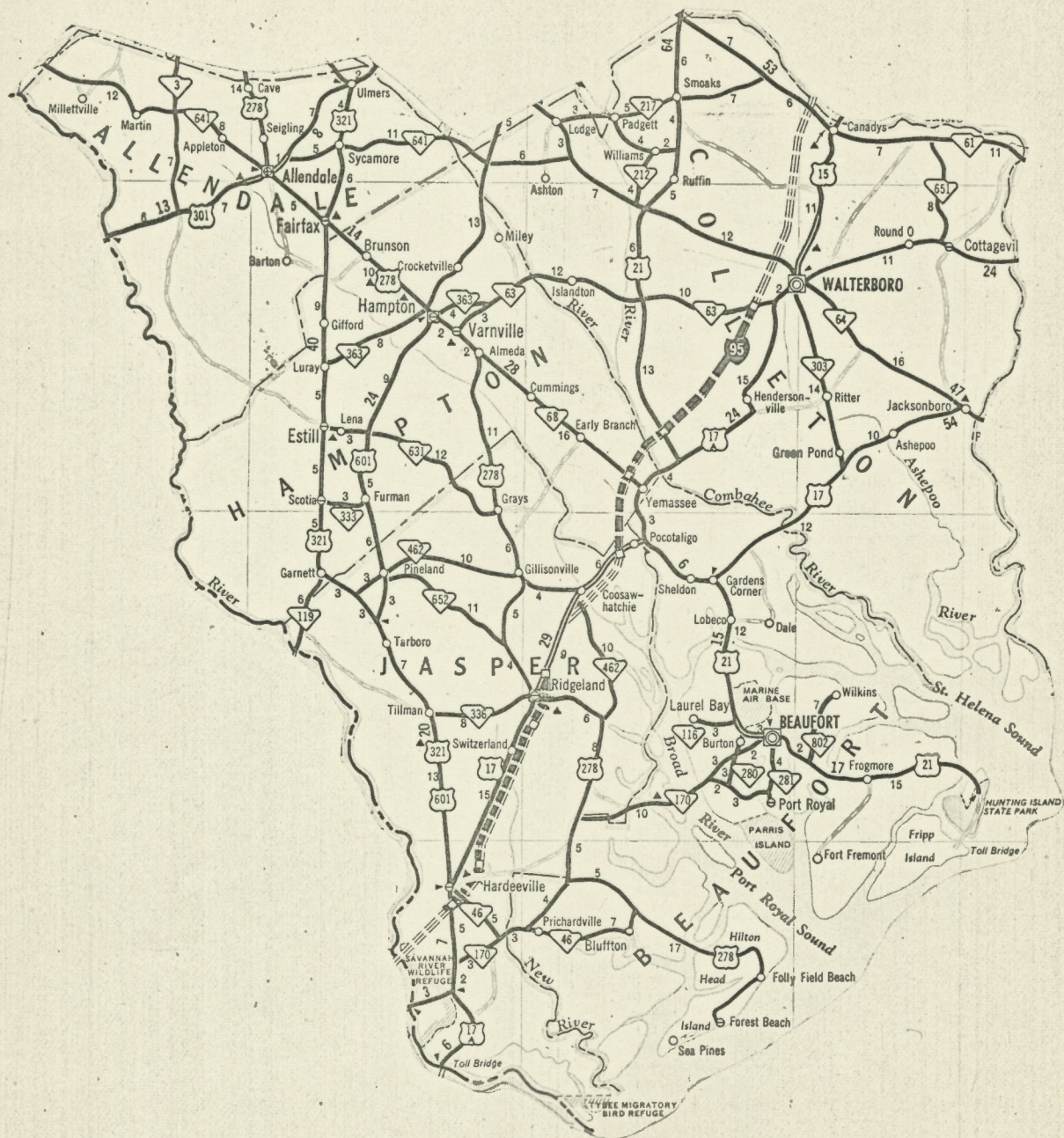
INDUSTRIAL CHARACTERISTICS

1. There are 31 companies in the area employing between 100 and 499; 3 between 500 and 999; and 3 with more than 1,000 employees.
2. Largest employers include West Virginia Pulp and Paper Co., American Tobacco Company, Avco Corp., Raybestos-Manhattan, Manhattan Shirt Co., and the Jacksonville Shipyards, Inc.
3. Primary products manufactured in the area include paper and allied products, tobacco products, rubber and asbestos products, apparel products, and textile mill products.

SIGNIFICANT REMARKS

1. Technical Education Center is located in Charleston. Also are located three four-year colleges, and the Medical College of South Carolina.
2. The Charleston area is one of the historical and cultural centers of the southeast. It also offers an abundance of recreational facilities.
3. Interstate 26 begins at Charleston and progresses northwest to interchange with other major interstate systems.

INDUSTRIAL DEVELOPMENT DISTRICT - FOURTEEN



INDUSTRIAL DEVELOPMENT DISTRICT - FOURTEEN

General Social and Economic Characteristics

This Industrial Development District is composed of the counties of Allendale, Beaufort, Colleton, Hampton, and Jasper. The district is located in the coastal plains region of the state. It has a population (1960) of 113,027 residing within the 3,278 square mile area. This is a density of population of 34.5 persons per square mile. The population mix is composed of 50.9% white and 49.1% non-white.

For purposes of industrial development, the primary communities offering the necessary livability factors include:

<u>COMMUNITY</u>	<u>POPULATION (1960)</u>
Allendale	3,114
Beaufort	6,298
Hampton	2,486
Ridgeland	1,192
Walterboro	5,417

Within the district, the projected median school years completed for the population is 8.4 years. Income distribution within the district is as follows: @

<u>INCOME LEVEL</u>	<u>PERCENTAGE OF FAMILIES</u>
\$ 0 - \$3,999	62.4%
\$4,000 - \$6,999	22.9%
\$7,000 & Over	14.7%

.....
Labor Availability (Age 19 to 44 Year Olds Within District)

<u>POPULATION GROUP</u>	<u>TOTAL POPULATION</u>	<u>LABOR FORCE</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	25,479	21,085	1,519
Female	19,291	6,337	2,724
TOTAL	44,770	27,422	4,243

Participation in the labor force for the 19 to 44 year old group within the district is 61.3%.

Potential of the Labor Force 1967 - 1972

<u>POPULATION GROUP</u>	<u>ENTERING LABOR FORCE</u>
Male	5,128
Female	2,085
TOTAL	7,213

Industrial Characteristics

There are a total of 19 companies in the district employing between 100 and 499 employees; 1 between 499 and 999; and 0 in excess of 1,000. This is further broken down as follows:

<u>COUNTY</u>	<u>NO. OF COMPANIES BY EMPLOYMENT LEVEL</u>		
	<u>100-499</u>	<u>499-999</u>	<u>1,000 & Over</u>
Allendale	3	-	-
Beaufort	2	-	-
Colleton	8	-	-
Hampton	4	1	-
Jasper	2	-	-
TOTALS	19	1	-

Primary employers include Collins and Aikman, J. P. Stevens & Company, Colonial Corporation, Garland Knitting Mills, Youngwear Products, Inc., Asten-Hill, Westinghouse Electric, and Holiday Wear, Inc.

Representative products produced include wood products, textiles, woolens, apparel, knitted wear, felt goods, and micarta tubing.

Significant Remarks

Detailed labor availability and livability studies have been conducted for the counties of Allendale, Beaufort, and Walterboro.

ALLENDALE, SOUTH CAROLINA
30 MILE RADIUS
LABOR DRAW AREA



LEGEND

- ◆ PLANTS EMPLOYING 500 - 999
- PLANTS EMPLOYING OVER 1000
- ★ TECHNICAL EDUCATION CENTER

ALL LOCATIONS APPROXIMATE

DATE PREPARED
OCTOBER, 1966

ALLENDALE, SOUTH CAROLINA
LABOR AVAILABILITY DATA
30 MILE RADIUS

Present Labor Availability - (Age 19 to 44 Year Olds)

<u>GROUP</u>	<u>TOTAL 19-44 POPULATION</u>	<u>NUMBER IN LABOR FORCE</u>	<u>NUMBER EMPLOYED</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	13,299	9,462	9,170	1,043
Female	<u>14,127</u>	<u>5,298</u>	<u>5,125</u>	<u>1,920</u>
TOTAL	27,426	14,760	14,295	2,963

There are 917 high school graduates in the recruitable and trainable group.

Labor force participation rate for the 19 to 44 year old is 53.8%.

Five Year Potential Labor Availability - (Persons reaching age 19 and entering the labor force)

<u>GROUP</u>	<u>TOTAL NUMBERS</u>	<u>H. S. GRADUATES IN TOTAL</u>
Male	3,814	986
Female	<u>1,905</u>	<u>610</u>
TOTAL	5,719	1,596

INDUSTRIAL CHARACTERISTICS

1. There are 20 companies employing between 100 and 499 employees in the area; 2 with 500 to 999; and 1 in excess of 1,000.
2. Major employers include DuPont Company, Kenlon Mills, Sunbeam Corporation, Deering-Milliken, J. P. Stevens, Westinghouse Corp., and Youngwear Products.
3. Principal products manufactured include apparel and related, wool scouring, bleaching and blending, textile mill products, micarta tubing, wood products, and materials for nuclear power.

SIGNIFICANT REMARKS

1. Allendale area is lightly industrialized in comparison to the state. It has a decline in agricultural employment, and has suffered a sizable out-migration of population.
2. Allendale is located approximately 50 miles from Interstate 95.
3. A branch of the University of South Carolina is located in Allendale.

BEAUFORT, SOUTH CAROLINA
30 MILE RADIUS
LABOR DRAW AREA



LEGEND

- ◆ PLANTS EMPLOYING 500 - 999
- PLANTS EMPLOYING OVER 1000
- ★ TECHNICAL EDUCATION CENTER

ALL LOCATIONS APPROXIMATE

DATE PREPARED
JULY, 1966

BEAUFORT, SOUTH CAROLINA
LABOR AVAILABILITY DATA
30 MILE RADIUS

Present Labor Availability - (Age 19 to 44 Year Olds)

<u>GROUP</u>	<u>TOTAL 19-44 POPULATION</u>	<u>NUMBER IN LABOR FORCE</u>	<u>NUMBER EMPLOYED</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	44,954	34,596	33,464	3,433
Female	40,121	13,910	13,104	6,178
TOTAL	85,075	48,506	46,568	9,611

There are 4,247 high school graduates in the recruitable and trainable group.

Labor force participation for the 19 to 44 year old is 57%.

Five Year Potential Labor Availability - (Persons reaching age 19 and entering the labor force)

<u>GROUP</u>	<u>TOTAL NUMBERS</u>	<u>H. S. GRADUATES IN TOTAL</u>
Male	8,207	3,363
Female	3,792	1,760
TOTAL	11,999	5,123

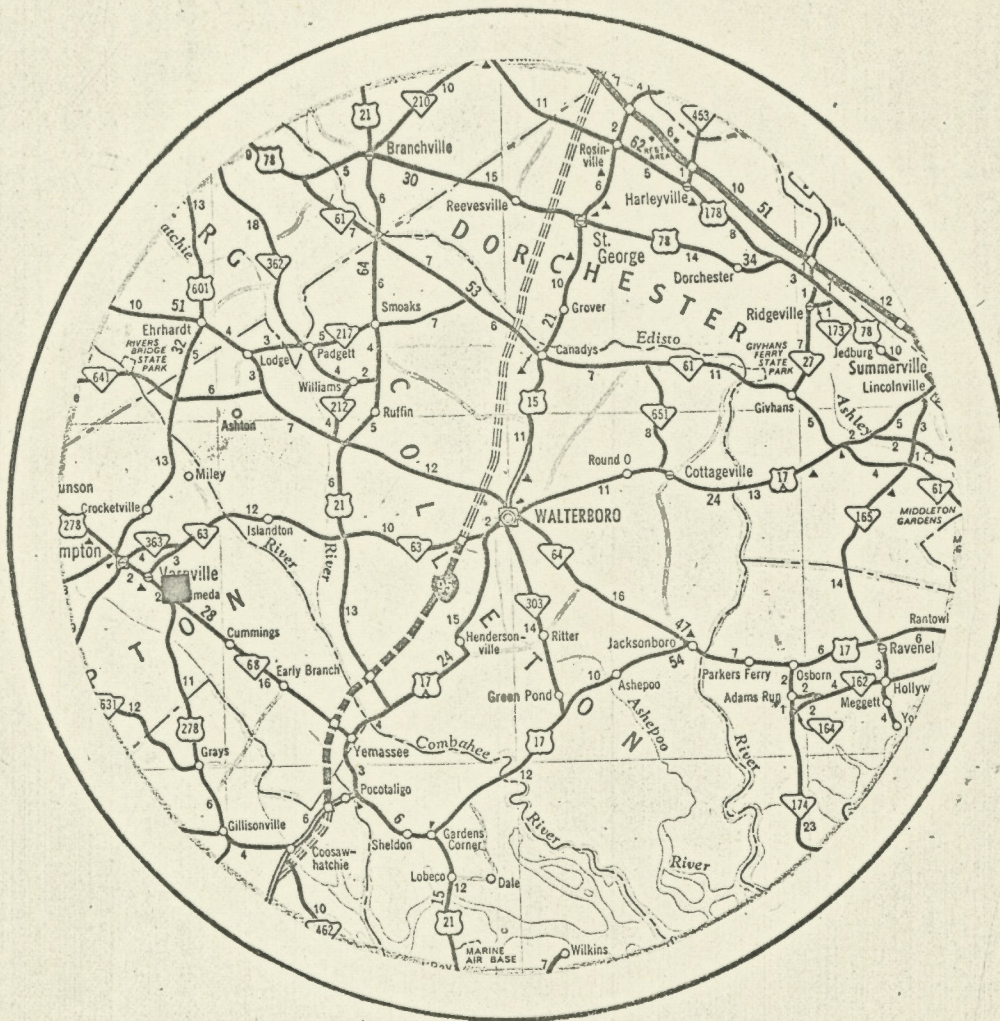
INDUSTRIAL CHARACTERISTICS

1. There are 4 plants employing between 100 and 499 employees. The remainder of the industry employs less than 99 persons.
2. Principal employers include Beaufort Wood Products, Garland Knitting Mills, Holiday Wear, Inc., Ashepoo River Lumber, and Springfield Lumber Company.
3. Representative products manufactured in the area include wood products, apparel, textile mill products, and food products.

SIGNIFICANT REMARKS

1. The area is lightly industrialized but offers a variety of recreational and leisure time activities.
2. Five locations in Savannah employ in excess of 500.

WALTERBORO, SOUTH CAROLINA
30 MILE RADIUS
LABOR DRAW AREA



LEGEND

- ◆ PLANTS EMPLOYING 500 - 999
- PLANTS EMPLOYING OVER 1000
- ★ TECHNICAL EDUCATION CENTER

ALL LOCATIONS APPROXIMATE

DATE PREPARED
MARCH, 1966

WALTERBORO, SOUTH CAROLINA

LABOR AVAILABILITY DATA

30 MILE RADIUS

Present Labor Availability - (Age 19 to 44 Year Olds)

<u>GROUP</u>	<u>TOTAL 19-44 POPULATION</u>	<u>NUMBER IN LABOR FORCE</u>	<u>NUMBER EMPLOYED</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	13,623	6,642	5,769	2,368
Female	13,410	5,751	5,038	2,327
TOTAL	27,033	12,393	10,807	4,695

There are 1,736 high school graduates in the recruitable and trainable group.

Labor force participation rate for the 19 to 44 year old group is 45.8%.

Five Year Potential Labor Availability - (Persons reaching age 19 and entering the labor force)

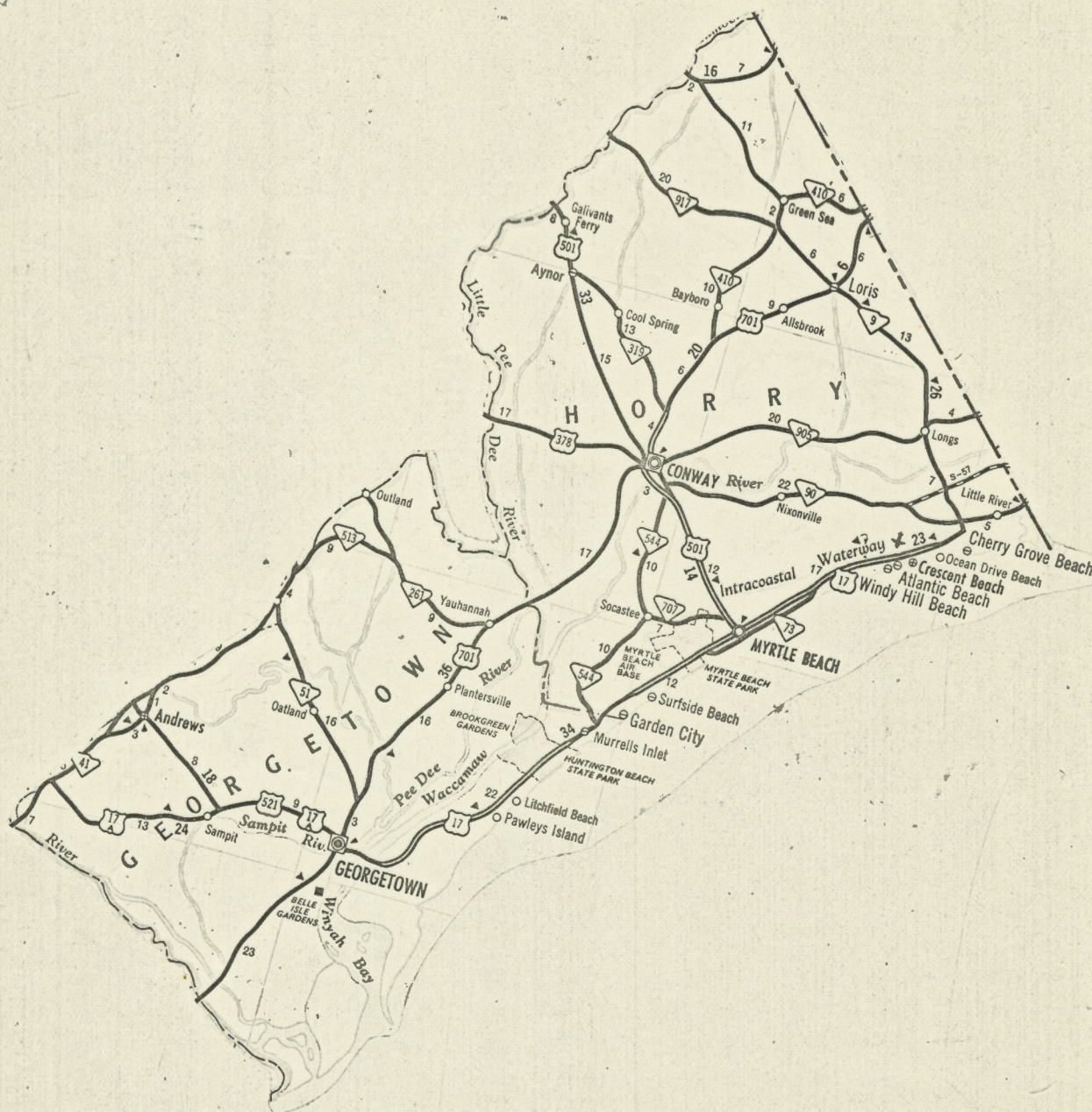
<u>GROUP</u>	<u>TOTAL NUMBERS</u>	<u>H. S. GRADUATES IN TOTAL</u>
Male	3,117	1,029
Female	1,496	598
TOTAL	4,613	1,627

INDUSTRIAL CHARACTERISTICS

1. There are 12 plants in the area employing between 100 and 499. There is 1 plant employing in excess of 1,000 persons.
2. Primary employers include Youngwear Products, Walterboro Dress Company., Westinghouse, Stanley Works, and Asten Hill Company.
3. Representative products include apparel, wood products, plastic piping, textile mill products, and food products.

SIGNIFICANT REMARKS

1. Interstate 95 is located approximately two miles west of Walterboro. Highways from all areas offer excellent labor draw.
2. The area offers a variety of recreational and leisure time activities.



INDUSTRIAL DEVELOPMENT DISTRICT - FIFTEEN

General Social and Economic Characteristics

This Industrial Development District is composed of the counties of Georgetown and Horry. The district is located in the coastal plains region of the state. It has a population (1960) of 103,045 residing within the 2,045 square mile area. This is a density of population of 50.4 persons per square mile. The population mix is composed of 64.7% white and 35.3% non-white.

For purposes of industrial development, the primary communities offering the necessary livability factors include:

<u>COMMUNITY</u>	<u>POPULATION (1960)</u>
Andrews	2,995
Conway	8,563
Georgetown	12,261
Loris	1,702
Myrtle Beach	7,834

Within the district, the projected median school years completed for the population is 8.7 years. Income distribution within the district is as follows: @

<u>INCOME LEVEL</u>	<u>PERCENTAGE OF FAMILIES</u>
\$ 0 - \$3,999	57.5%
\$4,000 - \$6,999	24.5%
\$7,000 & Over	18.0%

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Labor Availability (Age 19 to 44 Year Olds Within District)

<u>POPULATION GROUP</u>	<u>TOTAL POPULATION</u>	<u>LABOR FORCE</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	19,241	13,788	1,401
Female	19,496	5,892	3,048
TOTAL	38,737	19,680	4,449

Participation in the labor force for the 19 to 44 year old group within the district is 50.8%.

Potential of the Labor Force 1967 - 1972

<u>POPULATION GROUP</u>	<u>ENTERING LABOR FORCE</u>
Male	4,736
Female	1,989
TOTAL	6,725

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Industrial Characteristics

There are a total of 9 companies in the district employing between 100 and 499 employees; 1 between 499 and 999; and 2 in excess of 1,000. This is further broken down as follows:

<u>COUNTY</u>	<u>NO. OF COMPANIES BY EMPLOYMENT LEVEL</u>		
	<u>100-499</u>	<u>499-999</u>	<u>1,000 & Over</u>
Georgetown	3	-	1
Horry	6	1	1
TOTALS	9	1	2

Primary employers include Oneita Mills, Georgetown Dress Corp., International Paper, Rokco, Inc., Marlene Industry, Franklin Brass Products, Talon, Inc., and Aerovox Corp.

Representative products produced include textiles, apparel, paper products, plumbing fixtures, radio and television components, food products, and wood products.

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Significant Remarks

A Technical Education Center is located at Conway and deep water port facilities are located at Georgetown. A detailed labor availability and livability study has been conducted for a 30 mile radius of Conway and Georgetown.

CONWAY, SOUTH CAROLINA
30 MILE RADIUS
LABOR DRAW AREA



LEGEND

- ◆ PLANTS EMPLOYING 500 - 999
- PLANTS EMPLOYING OVER 1000
- ★ TECHNICAL EDUCATION CENTER

ALL LOCATIONS APPROXIMATE

DATE PREPARED
JANUARY, 1967

CONWAY, SOUTH CAROLINA
LABOR AVAILABILITY DATA
30 MILE RADIUS

Present Labor Availability - (Age 19 to 44 Year Olds)

<u>GROUP</u>	<u>TOTAL 19-44 POPULATION</u>	<u>NUMBER IN LABOR FORCE</u>	<u>NUMBER EMPLOYED</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	22,273	16,235	15,612	1,437
Female	<u>22,940</u>	<u>7,404</u>	<u>6,825</u>	<u>3,303</u>
TOTAL	45,213	23,639	22,437	4,740

There are 1,685 high school graduates in the recruitable and trainable group.

Labor force participation for the 19 to 44 year old is 52.3%.

Five Year Potential Labor Availability - (Persons reaching age 19 and entering the labor force)

<u>GROUP</u>	<u>TOTAL NUMBERS</u>	<u>H. S. GRADUATES IN TOTAL</u>
Male	5,687	1,730
Female	<u>2,534</u>	<u>921</u>
TOTAL	8,221	2,651

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INDUSTRIAL CHARACTERISTICS

1. A total of 15 companies within the 30 mile radius employ between 100 and 499 persons; 2 between 500 and 999; and 1 employs over 1,000 persons.
2. Largest companies include Aerovox Corporation at Myrtle Beach, Marlene Industries at Loris, and Wellmon Combing at Johnsonville.
3. Primary industries include those producing electrical machinery, apparel and related, textile mill products, and paper and allied.

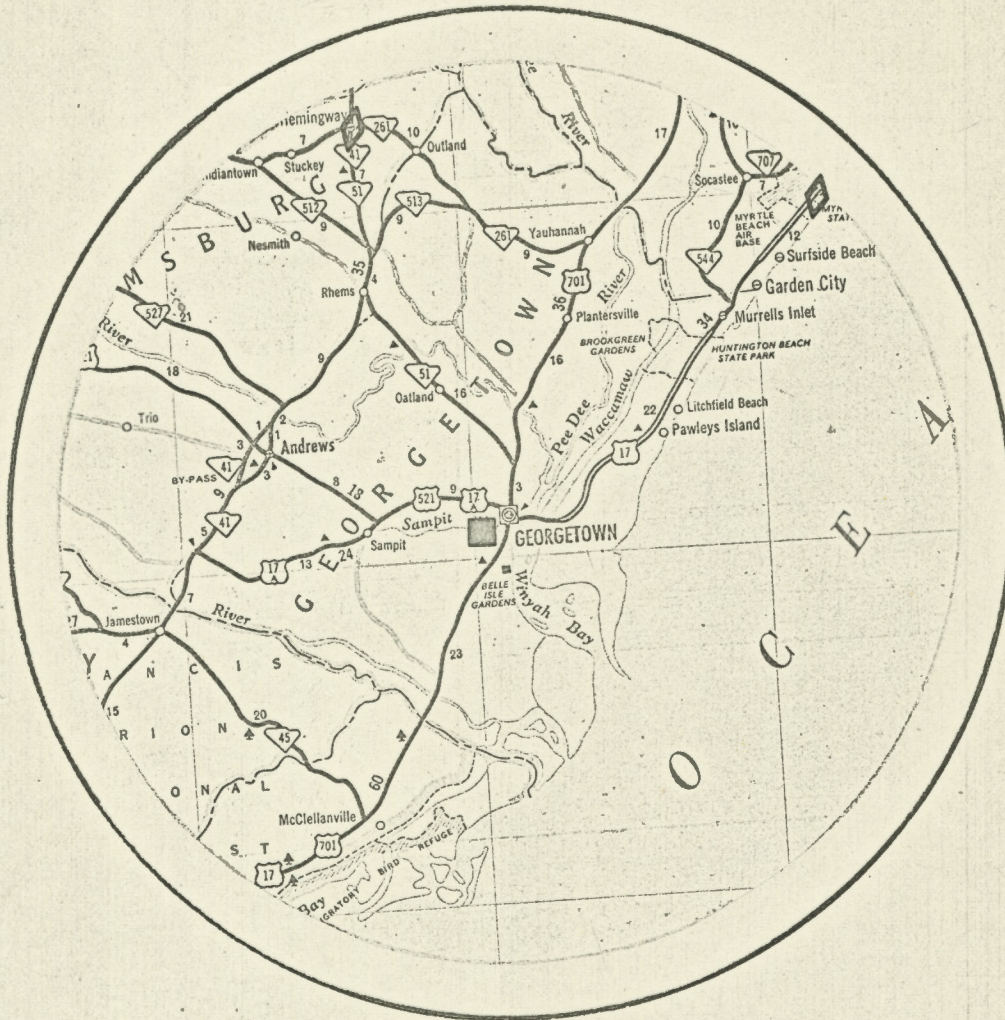
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SIGNIFICANT REMARKS

1. Technical Education Center is located at Conway. In addition, a branch of the University of South Carolina offering up to two year programs.
2. Excellent highways for labor draw cover the area. Conway is located approximately 55 miles from Interstate 95.
3. This area has over the years been primarily a tourist center. It offers very desirable recreational and leisure time activities.

GEORGETOWN, SOUTH CAROLINA

30 MILE RADIUS

LABOR DRAW AREA



LEGEND

- ◆ PLANTS EMPLOYING 500 - 999
- PLANTS EMPLOYING OVER 1000
- ★ TECHNICAL EDUCATION CENTER

ALL LOCATIONS APPROXIMATE

DATE PREPARED
OCTOBER, 1966

GEORGETOWN, SOUTH CAROLINA

LABOR AVAILABILITY DATA

30 MILE RADIUS

Present Labor Availability - (Age 19 to 44 Year Olds)

<u>GROUP</u>	<u>TOTAL 19-44 POPULATION</u>	<u>NUMBER IN LABOR FORCE</u>	<u>NUMBER EMPLOYED</u>	<u>RECRUITABLE & TRAINABLE</u>
Male	19,636	13,799	13,158	1,798
Female	<u>20,371</u>	<u>6,239</u>	<u>5,625</u>	<u>3,382</u>
TOTAL	40,007	20,038	18,783	5,180

There are 1,815 high school graduates in the recruitable and trainable group.

Labor force participation rate for the 19 to 44 year old is 50.1%.

Five Year Potential Labor Availability - (Persons reaching age 19 and entering the labor force)

<u>GROUP</u>	<u>TOTAL NUMBERS</u>	<u>H. S. GRADUATES IN TOTAL</u>
Male	5,297	1,546
Female	<u>2,266</u>	<u>838</u>
TOTAL	7,563	2,384

INDUSTRIAL CHARACTERISTICS

1. There are 16 plants employing between 100 and 499 in the area; 2 between 500 and 999; and 1 in excess of 1,000 persons.
2. Primary industries in the area include International Paper Co., Baxter Laboratories, Deering-Milliken, Warner Brothers, Georgetown Mfg. Co., Aerovox, Marlene Industries, and Wellmon Combing.
3. Representative products include paper, apparel, textile mill products, electronic components, and food products.

SIGNIFICANT REMARKS

1. Technical Education Center and a branch of the University of South Carolina are located in Conway.
2. A variety of recreational and leisure time facilities are available in the area.

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